

Samsung GALAXY S⁴

A N D R O I D S M A R T P H O N E

User Manual

Please read this manual before operating your
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Section 1: Getting Started

This section helps you to quickly start using your phone.

Understanding This User Manual

The sections of this manual generally follow the features of your phone. A robust index for features begins on page 202.

This manual gives navigation instructions according to the default display settings. If you select other settings, navigation steps may be different.

Unless otherwise specified, all instructions in this manual assume that you are starting with the phone unlocked, at the Home screen. To get to the Home screen, you may need to unlock the phone. For more information, see “*Securing Your Phone*” on page 16.

Note: Instructions in this manual are based on default settings and may vary from your phone depending on the software version on your phone and any changes to the phone's settings.

Note: All screen images in this manual are simulated. Actual displays may vary, depending on the software version of your phone and any changes to the phone's settings.

Special Text

In this manual, some text is set apart from the rest. This special text is intended to point out important information, share quick methods for activating features, define terms, and more. The definitions for these methods are as follows:

- **Note:** Presents alternative options for the current feature, menu, or sub-menu.
- **Tip:** Provides quick or innovative methods or useful shortcuts.
- **Important:** Points out important information about the current feature that could affect performance.
- **Warning:** Brings important information to your attention that can help to prevent loss of data or functionality or damage to your phone.

Text Conventions

This manual provides condensed information about how to use your phone. To make this possible, the following text conventions are used to represent often used steps:



Arrows represent the sequence of onscreen items you touch to navigate through menus and options.

For example:

From the Home screen, touch Apps → Settings → My device → Display → Brightness.



Certain features and options use a checkbox. To enable an option, simply touch it to add or remove a check mark.

For example:

Touch **Auto rotate screen** to enable it.



Some features and options use an **OFF/ON** button.

For example:

Touch **OFF/ON** to turn Bluetooth on.

Setting Up Your Phone

Install the 4G LTE SIM (Subscriber Identity Module) card, battery, and optional memory card, then charge the battery to begin using your phone.

Tip: Your SIM card is preinstalled. For more information, refer to “*SIM Card*” on page 10.

Note: A memory card is not included with your phone.
Memory cards are sold separately.

Back Cover

The battery, SIM card, and optional memory card are installed under a removable cover on the back of the phone.

Note: The battery cover is flexible. Take care to avoid bending or twisting the cover when removing and installing, to prevent damage to the cover.



Remove the battery cover

- Pull up using the slot provided (1), while lifting the cover off the phone (2).

Install the battery cover

- Align the cover and press it firmly into place, making sure it snaps into place.

SIM Card

Your phone uses a 4G LTE SIM (Subscriber Identity Module). The 4G LTE SIM is a small, rectangular plastic card that stores your phone number, information about your wireless service, and other information such as messages.

The SIM card is installed under the back cover, and must remain in the device when in use.

Note: If you purchased your phone at a Verizon Wireless store, the SIM card is activated and ready to use. If you ordered a new phone, the card may need to be activated before you can use it. For more information about activating the SIM card, visit: verizonwireless.com/4GSIM.

Caution! Turn the phone off before installing or removing the SIM card. Do not bend or scratch the SIM card. Take care when handling, installing, or removing the SIM card, and avoid exposing the SIM card to static electricity, water, or dirt. Keep the SIM card out of reach of small children.



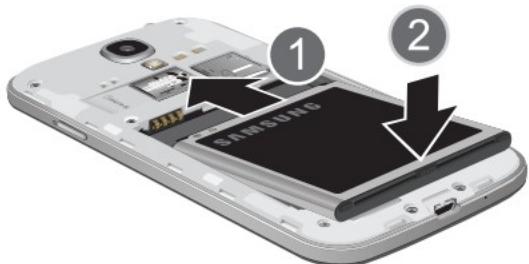
Installing the 4G LTE SIM Card

1. Remove the back cover.
2. With the Verizon Wireless logo facing up, carefully insert the 4G LTE SIM Card into the slot, pressing gently until it clicks into place.
3. Make sure that the card's gold contacts face into the phone and that the upper-left angled corner of the card is positioned as shown.
4. Install the back cover.

Note: If the card is not inserted correctly, the phone will not detect the SIM card. Re-orient the card back into the slot if the SIM is not detected.

Installing the Battery

1. Insert the battery into the opening on the back of the phone, making sure the connectors align (1).
2. Gently press down to secure the battery (2).



- With the gold contacts facing down, slide the memory card into the slot and gently push it into place.



Installing the Memory Card

You can use a microSD (SD) or microSDHC card to add additional memory space to your device.

Note: Your phone has been tested to support up to a 64GB memory card.

For more information on Memory Cards, see “*Memory Card*” on page 43.

Charging the Battery

Your phone is powered by a rechargeable, standard Li-Ion battery. A Wall/USB Charger (Charging Head and USB cable) is included with the phone, for charging the battery.

The battery comes partially charged. You must fully charge the battery before using your phone for the first time. A fully discharged battery requires up to 4 hours of charge time. After the first charge, you can use the phone while charging.

Warning! Use only Samsung-approved charging devices and batteries. Samsung accessories are designed to maximize battery life. Using other accessories may invalidate your warranty and may cause damage.

Note: Long backlight settings, searching for service, vibrate mode, web browser use, and other variables may reduce the battery's talk and standby times.

Although you can use the phone while the battery is charging, doing so will require additional charging time.

Using the Charger

Important! Verify that the phone battery is installed prior to connection. If the battery is not properly installed and the charger is connected, the handset may power off and on continuously, preventing proper operation.

Your phone comes with a charger (charging head and USB cable) to charge your phone from any 110/220 VAC outlet.

1. Insert the USB cable into the port.



2. Connect the USB cable to the charging head, then plug the charging head into a standard AC power outlet.



3. When charging is complete, unplug the charging head from the power outlet and remove the USB cable from the phone.

Note: Failure to unplug the wall charger before you remove the battery, can cause damage to the phone.

Low Battery Indicator

When the battery is weak and only a few minutes of talk time remain, the battery icon (██████████) blinks and the phone sounds a warning tone at regular intervals. In this condition, your phone conserves its remaining battery power, not by turning off the backlight, but by entering the dimming mode. For a quick check of your battery level, glance at the battery charge indicator located in the upper-right corner of your phone's display. Solid color (██████) indicates a full charge.

When the battery level becomes too low, the phone automatically turns off.

You can also choose to display a percentage value. Having a percentage value onscreen can provide a better idea of the remaining charge on the battery.

- From the Home screen, touch Apps → Settings → My device → Display → Show battery percentage.

Turning the Phone On or Off

To turn the phone on:

- Press and hold the  **Power/Lock Key** until the phone vibrates and starts up.

To turn the phone off:

1. Press and hold the  **Power/Lock Key** until the phone vibrates and the Phone Options menu displays.
2. At the prompt, tap **Power off**.

Setup Wizard

The first time you turn your phone on, Setup Wizard will guide you through the basics of setting up your phone.

Follow the prompts to choose a default language, set up accounts, choose location services, and learn more about your phone.

You can also use the Setup Wizard to quickly configure your phone at any time.

- From a Home screen, touch  **Apps** →  **Setup Wizard**.

Creating a Samsung Account

Create a Samsung account for access to Samsung apps on your phone, such as Samsung Link. For more information, see “*Accounts*” on page 187.

If you did not create a Samsung account when you first set up your phone, follow these steps:

1. From a Home screen, touch  **Apps** →  **Settings** →  **Accounts** → **Add account**.
2. Touch  **Samsung account**.
3. Touch **Create new account**.
4. Follow the onscreen instructions to create and activate your account.

Creating a New Google Account

In order to utilize your phone to the fullest extent, create a Google account when you first use your phone. With a Google account, Google applications will always be in sync between your phone and computer.

If you did not create a Google account when you first set up your phone, follow these steps:

1. From a Home screen, touch Apps → Gmail.
The **Add a Google Account** screen displays.
2. Touch **New** to create a new Google account.
– or –

If you already have a Google account, touch **Existing** to sign in and add the account to your phone.

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Displaying Your Phone Number

1. From the Home screen, touch Menu.
2. Touch **Settings** → More → **About phone** → **Status** → **My phone number**.

Voicemail

All unanswered calls to your phone are sent to voicemail, even if your phone is turned off, so you will want to set up your voicemail and personal greeting as soon as you activate your phone.

For more information, see “*Voicemail*” on page 151.

TTY Mode

Your phone is TTY-compatible, allowing you to connect a TTY phone to the phone’s headset jack. Before you can use your phone with a TTY phone, you will need to enable TTY Mode.

For more information about enabling TTY mode, see “*Call*” on page 169.

Roaming

When you travel outside your home network's coverage area, your phone can use roaming to acquire service on other compatible digital networks. When roaming, the  **Roaming** icon displays in the Status Bar.

Tip: You can set your phone's roaming behavior. For more information, see "*Mobile Networks*" on page 160.

During roaming, some services may not be available. Depending on your coverage area and service plan, extra charges may apply when making or receiving calls, connecting to the Internet, or using data services. Contact Verizon Wireless for more information about your coverage area and service plan.

Securing Your Phone

Use your phone's screen lock features to secure your phone. To set a personal screen lock, use the Lock screen settings. For more information, see "*Lock Screen*" on page 164. For other settings related to securing your phone, see "*Security*" on page 192.

Locking the Phone

- By default, the phone locks automatically when the screen times out.
 - or –
- Press the  **Power/Lock Key**.
-

Tip: When the phone is locked, the Emergency call feature is available on the lock screen—allowing you to make emergency calls even while the phone is locked.

Unlocking the Phone

Unlock the phone using one of the default unlock screens, or use a Screen lock options for increased security.

- Press the  **Power/Lock Key**, then touch and drag your finger across the screen.

Tip: Special notification icons display for missed calls or new messages. Drag a missed call or message icon to view the message or call log.

Section 2: Understanding Your Phone

This section outlines some key features of your phone and describes the screen and the icons that appear when the phone is in use. It also shows how to navigate through the phone and provides information on using a memory card.

Features of Your Phone

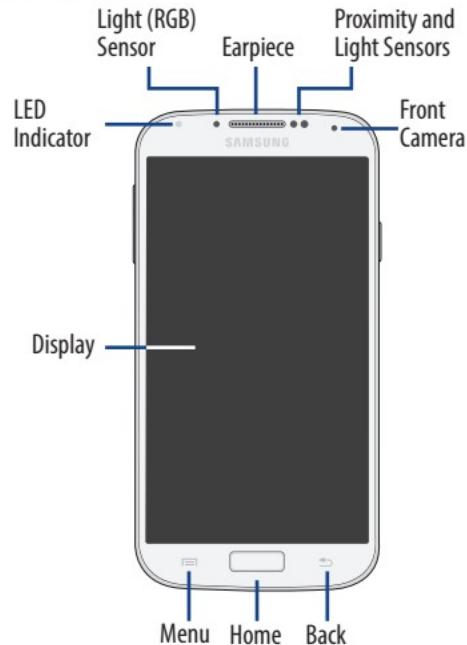
The following list outlines a few of the features included in your phone.

- Brilliant HD Super AMOLED™ touch screen, (1920x1080 resolution)
- 4G LTE network with 1.9 gigahertz quad-core processor
- 1.9 GHz quad-core processor
- Android 4.4.2, Kit Kat
- S.A.F.E.®
- Smart Switch™ compliant. For more information, see www.samsungsmartswitch.com.
- Touch screen provides quick response to a variety of in-phone menus and options including applications, multi-windows and up to seven home screens

- Multi-task with Pop-Up Video
- Keep in touch
 - SMS (Text) and MMS (Multimedia)
 - Voice
 - Email and Gmail
 - Instant messaging with Google Hangouts
- Enjoy pictures, music and video
 - Discover new media with Media Hub
 - Gallery, Music player, and Video player
 - DivX Certified® to play DivX® video at HD 720p, including premium content
- Connect to other devices
 - Wi-Fi 802.11 a/b/g/n/ac
 - Wi-Fi Direct
 - Mobile Hotspot
 - DLNA

- Bluetooth 4.0
- USB 2.0 High-speed
- Tethering
- NFC and S Beam
- Group Play
- Kies via Wi-Fi
- Capture memories
 - 13 MP Camera and Camcorder with LED flash + 2.0 MP front-facing camera
 - Seamlessly share pictures via Group Play to other devices
 - Capture rapid-fire still pictures with Burst Shot
 - Use Best Photo, Best Face, and Eraser to choose the best pictures
 - Samsung Link to share media content across DLNA certified devices.
- Control your device with S Voice, for natural voice commands
- Share with friends
 - S Beam™, for easy sharing of files via NFC
 - Specialized apps, including Samsung Link and Group Play
 - Integrated features, such as Share Shot in Camera
- Take your content with you
 - 16 GB memory device memory (actual formatted capacity may vary)
 - Support for microSD and microSDHC memory cards up to 64GB capacity (not included)

Front View



LED Indicator

The LED indicator, on the front of the phone above the screen (see “*Front View*” on page 19) animates or glows to show alerts or phone status.

- **Blue:**

- Pulses in multi-color blue while the phone is turning On or Off.
- Blinks blue for a missed call, message or other notification.

- **Red:**

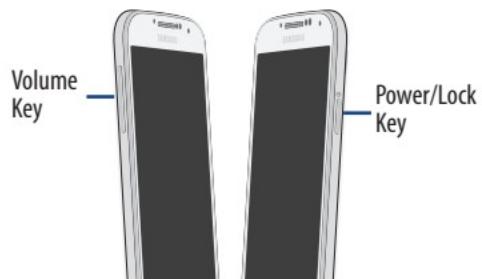
- Glows red when the phone is connected to a charger and charging.
- Blinks red when the phone is connected to a charger and there is a problem with charging.
- Blinks red when battery power is low (phone not connected to charger).

- **Green:**

- Glows green when the phone is connected to a charger and the battery is fully charged.

Note: The Menu and Back keys illuminate when navigating through the device.

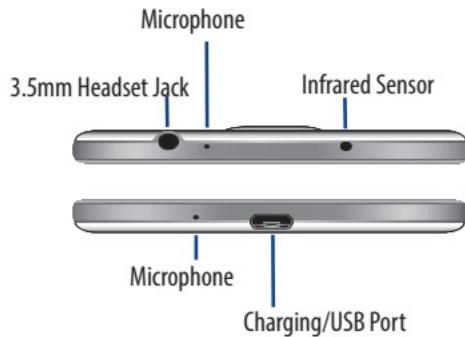
Side Views



Back View



Top and Bottom Views



Home Screen

The Home screen is the starting point for using your device. Place shortcuts, widgets and other items to customize your device to your needs.



Display Layout

Your display screen provides a wealth of information about the phone's status and options, as well as providing access to application icons. For more information, refer to “*Front View*” on page 19.

Status Bar

The Status Bar shows network and battery status and other details, including these common icons.

Current signal strength. The greater the number of bars, the stronger the signal.

Current signal strength, when the phone is roaming. The greater the number of bars, the stronger the signal.

Current signal strength, when the phone is roaming on CDMA networks. The greater the number of bars, the stronger the signal.

Indicates that the Airplane Mode is active. You cannot send or receive any calls or access online information. For more information, refer to “*Airplane Mode*” on page 155.

	There is no network available.
	Your phone is in Blocking mode.
	There is a system error or alert.
	Indicates a security warning. You are prompted to set a screen lock password.
	A voice call is in progress.
	A call is on hold.
	The speakerphone is enabled.
	A call has been missed.
	A call has been muted.
	Call forwarding is set to Always forward. For more information, refer to “ <i>Call Forwarding</i> ” on page 81.
	Battery charge level. Icon shown is fully charged.
	Your battery is charging. Also displays battery charge level.
	Battery is critically low.
	Your phone is actively connected to a 3G network.
	Your phone is actively connected to a 4G LTE network.
	Your phone is downloading or has downloaded a file. It will blink green when it is installing.
	An outbound file transfer is in progress.
	Updates are available for download.
	The phone is connected to a computer with a supported USB cable connection. or more information about transferring data between your phone and a computer, see “ <i>Transferring Data</i> ” on page 127
	The phone is tethered via a supported USB cable connection.



A new text or multimedia message is received.



A new voicemail is received.



Email has been received.



The time and date for a Calendar Event has arrived. For more information, refer to “*Calendar*” on page 133.



An alarm is set to ring at a specified time. For more information, refer to “*Clock*” on page 134.



The Sound profile is set to Mute.



The Sound profile is set to Vibrate.



Bluetooth is activated. For more information, For more information, refer to “*Turning Bluetooth On and Off*” on page 118.



A Bluetooth device has been paired with the phone. For more information, see “*Pairing Bluetooth Devices*” on page 121.



Wi-Fi is connected, active, and communicating with a Wireless Access Point (WAP). For more information, refer to “*Wi-Fi*” on page 114.



There is a Wi-Fi access point available, but you are not connected to it. May also display if there is a communication issue with the target Wireless Access Point (WAP). For more information, refer to “*Wi-Fi*” on page 114.



Wi-Fi Direct is active and your phone is connected to another device.



Your phone has been configured as a portable Wi-Fi hotspot.



GPS is active and acquiring a signal. For more information, refer to “*Location Services*” on page 191.



Data synchronization and application sync is active and synchronization is in progress for Gmail, Calendar, and Contacts.



Your phone is in Hands-free mode. Incoming calls and notifications will be read out aloud.



Near Field Communication (NFC) has been activated.



Your device is connected being used to control streaming media and is connected to a Digital Living Network Alliance (DLNA) certified device using the Samsung Link application.



A TTY device has been inserted.



A screen capture has been taken.



Displays when the keyboard is active.



Music is playing, but the app is in the background. You can control playback from the Notification Panel or from the Music app.



Music playback is paused. You can control playback from the Notification Panel or from the Music app.



A memory card scan is underway, to prepare the card for use. For more information, refer to "Memory Card" on page 43.



A memory card was unmounted, and it is safe to uninstall it. For more information, refer to "Memory Card" on page 43.



A memory card was uninstalled. For more information, refer to "Memory Card" on page 43.

For a categorized list of icons that display on the phone:

- From a Home screen, touch Apps → Settings → More → About device → Icon glossary.

Google Search Bar

The Google Search Bar provides you an onscreen Internet search engine powered by Google.

1. From the main Home screen, touch the Google Search bar
2. Use the onscreen keyboard to enter the item you want to search for, then touch
3. Touch to use Google Voice Search. Follow the on-screen instructions.

Using Motions and Gestures

By activating the various motion and gesture features, you can access a variety of time saving functions.

Terms Used in This User Manual

Touch

Touch items to select or launch them. For example:

- Touch the onscreen keyboard to enter characters or text.
- Touch an item to select it.
- Touch an app's icon to launch the application.

Touch and Hold

Activate items by a touch and hold gesture. For example:

- Touch and hold a widget on the Home screen to move it.
- Touch and hold on a field to display a pop-up menu of options.

Swipe

Swipe your finger across the screen. For example:

- Unlocking the screen
- Scrolling the Home screen or a menu
- Combine touch and hold with swipe to drag an item.

Pinch and Spread

Using two fingers, make a pinch or spread motion on the screen. For example:

- Pinch in to zoom in on pictures or screens.
- Spread out your fingers to zoom out on pictures or screens.

Tilt

Touch and hold two points on the screen, with your thumbs, then tilt the phone forward and back to zoom in or out.

- **Tilt to zoom:** When this setting is On, tilting the phone while in Gallery or Internet causes the screen to zoom in or out.

Pan

Touch and hold on the screen, then move the phone in a side-to-side motion.

- **Pan to move icon:** When this setting is On, moving the phone in a panning motion (side-to-side) moves a highlighted icon to a new location on the Home screen.
- **Pan to browse images:** When this setting is On, moving the phone in a panning motion while viewing an image moves focus around in the image.

Pick Up or Turn Over

Lift the phone, or place the phone screen-down, on a horizontal surface, such as a table.

- **Direct call:** When this setting is On, you can lift the phone to your ear to call a displayed contact in Messaging, Contacts, or Call Log to dial the contact's phone number.
- **Smart alert:** When this setting is On, the phone will automatically notify you to missed calls and alerts that occurred while the phone was stationary.
- **Turn over to mute/pause:** When this setting is On, turning the phone screen-down automatically mutes incoming call ringtones and alerts sounds.

Palm Swipe

Palm swipe by swiping the side of your hand horizontally across the screen. Use palm swipe for:

- **Palm swipe to capture:** When this setting is On, swiping the screen with the side of your hand (left to right, or right to left) captures a screen shot.
- **Palm touch to mute/pause:** When this setting is On, covering the screen with your hand mutes or pauses media playback.

Hand Gestures

Your device recognizes motion, to allow you to navigate and access features by moving the device in specific gestures.

To use gestures, enable the Motion settings. For more information, see “*Motions and Gestures*” on page 184.

Caution! Excessive shaking or impact to the device may cause unintended results.

To learn how to properly control motions, touch  Apps → Settings →  My device → Motions and gestures.

When touched, each entry displays an on-screen tutorial.

Menu Navigation

You can tailor the phone's range of functions to fit your needs using both menus and widgets. Menus, sub-menus, and features can be accessed by scrolling through the available onscreen menus. Your phone originally has three home screens but you can expand up to seven home screens.

Command Keys

Menu Key

Touch  **Menu** to display a context-sensitive menu of options for the current screen or feature.

Home Key

Press  **Home** to display the main Home screen. Press and hold to display recently used apps and access the Task manager.

Back Key

Touch  **Back** to return to the previous screen, option or step.

Home Screen Overview

The main Home screen is the starting point for many applications and functions, and it allows you to add items like application icons, shortcuts, folders, or Google widgets to give you instant access to information and applications. This is the default page and accessible from any menu by pressing  **Home**.

Navigating Through the Home Screens

The Home screen consists of the Home panel, plus panels that extend beyond the display width to provide more space for adding shortcuts, widgets, and folders.

- From the main Home screen, swipe the screen with your finger in either direction. The main Home Screen is located in the middle with Home screens on each side. As you scroll, the indicator at the bottom of the display shows your current position.

Navigating Through the Application Menus

Your phone initially has four Application Menus available. Follow these steps to navigate through the Application Menus:

1. From a Home screen, touch Apps.

The first Apps Menu displays.

2. Swipe the screen left or right to access the other two menus.
3. Touch one of the application icons.

Note: As you add applications, the number of Application menus that you have available will increase.

Navigating Using Sub-Menus

Sub-menus are available when you are at any Home screen or have selected a feature or application such as Phone, Contacts, Messaging, or Internet.

To access a sub-menu:

1. Touch Menu.

A sub-menu will appear at the bottom of the phone screen.

2. Touch an option.

Accessing Recently-Used Apps

1. Press and hold Home from any screen to open the recently-used applications window.
2. Touch an option to open the selected application:
 - **Task manager:** Go to the Task manager.
 - **Google:** Go to Google Search.
 - **Close all:** Delete the record of all recently used applications.

Customizing Your Home Screen

You can customize your Home screen by doing the following:

- Creating Shortcuts
- Adding and Removing Primary Shortcuts
- Adding and Removing Widgets
- Moving Icons in the Apps Menu
- Creating Application Folders
- Adding a New Page to the Application Menu
- Changing the Wallpaper
- Adding and Deleting Home Screens
- Moving Home Screens

Creating Shortcuts

Shortcuts are different than the current Home screen

Widgets that only launch an application. Shortcuts activate a feature, action, or launch an application.

Adding a Shortcut from the Apps Menu

1. Press  **Home** to activate the main Home screen.
2. Navigate to the desired Home Page.
3. Touch  **Apps** to display your current applications.
4. Scroll through the list and locate your desired application.
5. Touch and hold the application icon. This creates an immediate shortcut of the selected icon and closes the **Apps** tab.
6. While still holding the onscreen icon, position it on the current page. Once complete, release the screen to lock the new shortcut into its new position on the current screen.

Note: To move a shortcut from one screen to another, it must first be deleted from its current screen. Navigate to the new screen, then add the shortcut.

Adding a Shortcut via the Add to Home Screen

1. Press  **Home** to activate the main Home screen.
2. Navigate to the desired Home Page.
3. Touch and hold on an empty area of the Home screen.
4. Touch **Apps and widgets, Folder, or Page**.
5. Touch and hold a shortcut from the available list and position it on the current screen.

Deleting a Shortcut

1. Press  **Home** to activate the main Home screen.
2. Touch and hold the desired shortcut. This unlocks it from its location on the current screen.
3. Drag the icon over the  **Remove** icon and release it.
As you place the shortcut into the Trash, both items turn red.

Note: This action does not delete the shortcut, it just removes it from the current screen.

Adding and Removing Primary Shortcuts

You can change any of your primary shortcuts with the exception of the  **Apps** shortcut.

1. Press  **Home** to activate the main Home screen.
2. Touch and hold the primary shortcut you want to replace, then drag it to an empty space on any Home screen.
3. Scroll through the Apps menu to find the shortcut you want to add as the new primary shortcut.
4. Touch and hold the new shortcut, then drag it to the empty space in the row of primary shortcuts.

The new primary shortcut will now appear on all Home screens.

Adding and Removing Widgets

Widgets are self-contained applications that reside in either your Widgets tab or on the main or extended Home screens. Unlike a shortcut, the Widget appears as an onscreen application.

Adding a Widget

1. Press  **Home** to activate the main Home screen.
2. Navigate to the desired Home Page.
3. Touch and hold on an empty area of the screen.
4. Touch **Apps and widgets**.
5. Touch the **Widgets** tab at the top of the screen.
6. Touch and hold an available Widget to position it on the current screen, then release the Widget.

Removing a Widget

1. Touch and hold a Widget until you can move it around on the screen.
2. Drag the Widget up to the  **Remove** icon and release it.

Note: This action does not actually delete the Widget, it just removes it from the current Home screen.

Creating Application Folders

You can create application folders to hold similar applications.

1. From a Home screen, touch  **Apps** to display your current applications.
2. Touch the **Apps** tab at the top of the screen if it is not already selected.
3. Touch  **Menu** and touch **Edit**.
4. Touch and hold the first application that you would like to move to a folder.
5. Drag the icon to the  **Create folder** icon.
6. Enter a folder name and touch **OK**.

A folder displays in the original place of the application icon with the application icon displayed on top of it. You can now drag other Apps into the folder.

7. To view information on an App, drag the App icon up to the App info  icon to view information on the application.
8. Touch **Save**.

Adding a New Page to the Application Menu

You can add a new page to your application menu by following these steps:

1. From a Home screen, touch Apps to display your current applications.
2. Touch the **Apps** tab at the top of the screen if it is not already selected.
3. Touch Menu and touch **Edit**.
4. Touch and hold the first application that you would like to move to a new page.
5. Drag the icon to the Create page icon.
6. Touch **Save**.

The app will appear on a new page.

Changing the Wallpaper

You can change the Wallpaper (background) of your home screens by following these steps:

1. From any Home screen, touch and hold on an empty area of the screen.
The **Home screen** window displays.
2. Touch **Set wallpaper**.
3. Select the location where you would like to change the wallpaper. Touch **Home screen**, **Lock screen**, or **Home and lock screens**.
4. Touch one of the following options:
 - **Gallery**: Select a wallpaper from photographs you have taken with your camera.
 - **Live wallpapers**: Select an animated wallpaper. This option is not available for the Lock screen option.
 - **Wallpapers**: Select from many still-life wallpapers.
5. Select a wallpaper and touch **Set wallpaper**, **Done**, or **Cancel**.

Adding and Deleting Home Screens

You can add and delete Home screens. You can have up to seven Home screens.

Add a new Home screen

1. From a Home screen, touch  Menu → Edit page.
2. Touch the Home screen that contains .

A new screen is added.

3. If desired, touch and hold the new screen and drag it to a different location.
4. Press  Home to return to the main Home screen.

You can now add items to your new Home screen.

Delete a Home screen

1. From a Home screen, touch  Menu → Edit page.
2. Touch and hold the Home screen you want to delete.
3. Drag it to the trash can located at the top of the screen. The page will turn red.
4. If there are items on the Home screen, the **Remove home screen page** prompt displays.

5. Touch **OK** to delete the page and its contents, otherwise touch **Cancel**.
6. Press  Home to return to the main Home screen.

Moving Home Screens

You can arrange your Home screens in any order that you want.

To move a Home screen, follow these steps:

1. From a Home screen, touch  Menu → Edit page.
2. Touch and hold the Home screen you want to move.
3. Drag it to the location that you would like to place it. When you move a Home screen, the other Home screens are re-ordered automatically.
4. Press  Home to return to the main Home screen.

Notification Panel

The Notification Panel shows information about connections, alerts, and other items.

1. Touch and drag downward from the top of the screen to display the Notification Panel.



2. Touch an item to open the item, or to launch the related app or feature.

Clearing Notifications

To clear all notifications from the Notification Panel:

1. Touch and drag downward from the top of the screen to display the Notification Panel.



2. Touch the **Clear** button.

The notifications are cleared and the panel closes.

Accessing Additional Panel Functions

In addition to notifications, the Notification Panel also provides quick and ready access to separate device functions. These can be quickly activated or deactivated by toggling them on or off. You can choose the functions that will be displayed.

1. From the Notification Panel, touch to display additional options.
2. Touch then locate the Notification Panel area located at the bottom of the Notification Panel screen.
3. In a single motion, touch and hold a desired function then drag it to the top row.
4. Touch **Brightness adjustment** to create a check mark if you want to be able to adjust the screen brightness via the Notification Panel.
5. Touch Back and then touch to display only your primary functions.

Apps Screen

The **Apps** screen displays all applications installed on your wireless device. Applications that you download and install from Google Play or from the web are also added to a Home screen.

The Apps icons are arranged in a customizable grid. To arrange the Apps icons in alphabetical order:

1. From a Home screen, touch Apps.
2. Touch Menu → View type.
3. Touch **Alphabetical grid**.

To manually change the order of the icons on the Apps screen:

1. From a Home screen, touch Apps.
2. Touch Menu → Edit.
3. Touch and hold an icon and drag it to a new position.
4. Touch **Save** to save the changes.

You can place shortcuts to applications on the Home screen for quick access to the application. For more information, refer to “*Creating Shortcuts*” on page 29.

To view your downloaded applications:

1. From a Home screen, touch Apps → Menu → **Downloaded applications** to view downloaded apps.
2. Touch an icon on the **Downloaded applications** screen to launch the application.
– or –

Add an App Shortcut to a Home screen by dragging the App icon onto the Home Screen. For more information, refer to “*Creating Shortcuts*” on page 29.

Application Information

To view information about an App, such as the amount of storage it uses, force the App to stop, uninstall updates, and clear data:

1. From a Home screen, touch Apps → Settings → **Application manager**.
2. Touch the **All** tab, scroll through the apps list, and touch the app to open a screen with details about the App.

More Application Information

For more information, refer to “*Applications*” on page 129.

In that section, each application that is available on the Applications screen is listed and described. If the application is also described in another section of this user manual, then a cross reference to that particular section is provided.

Multi Window

This feature can be used to run multiple applications on the current screen at the same time.



Note: Only applications found within the Multi window panel can be active atop another current application on the screen.

When launching applications that contain multimedia files (music or video), audio from both files will be played simultaneously.

Activating and Deactivating Multi Window

Activate Multi window

1. From the **Settings** screen, touch **My device** → **Display** → **Multi window**.
2. Press **Home** to return to the Home screen.
3. Touch the Multi window tab to open the application panel showing all the available Multi window apps.

Note: Initially upon activation, the entire apps panel is briefly displayed, then minimized to only show the tab.

Deactivate Multi window

- Press and hold  **Back**. This action hides the Multi window tab from view.

Note: Once you have set the Multi window option On, you only need to press and hold  **Back** to re-activate the Multi window feature.

Tip: Multi window can also be activated or deactivated by touching the top of the screen, dragging downward to display the Notification Panel, and then touching **Multi window**.

Repositioning the Multi Window

The Multi window contains two components: the tab and the apps panel. The tab can be manually moved up or down the left or right edge of the screen. The Apps panel, which contains the scrollable apps, and the tab can be relocated to lock onto the left or right side of the screen.

Move the tab and relocate the apps panel

1. Activate the Multi window feature.
2. In a single motion, touch and hold the Multi window tab for approximately one-second.
3. Slowly drag up or down the current side of the screen.

Note: This is a quick way to get the tab out of the way if you cannot get to a button or option behind it.

– Or –

In a single motion, touch and hold the tab for approximately one-second to detach it from the screen, then slowly drag it to the opposite screen edge.

Using Multi Window

You can use Multi Window to run multiple apps on the same screen.

Any of the apps found within the Multi window panel can be run at the same time as a current onscreen app.

Once multiple apps are running on the same screen, you can then choose to either swap their positions or maximize a desired app.

In the following example, we will be launching both the Internet and Messaging applications, but any two apps listed in the Multi window apps panel will work the same way.

1. From a Home screen, touch **Internet**.
2. Activate the Multi window feature.
3. Touch the tab to display the apps panel.
4. Touch and hold the **Messaging** icon until it detaches from the panel.
5. In a single motion, drag it over the current **Internet** screen and drop it over either the top or bottom area of the screen.

Note: Once the two applications are running, the device displays a split screen view containing both the initial Multi window app and the second Multi window app. Each application is still independent of the other.



Window Controls

Select an application window and touch ●. Window controls display:

-  Open a recent app in Multi Window.
-  Switch locations between Multi Window applications.
-  Drag text or images between certain apps.
-  Maximize the application.
-  Close the application.

Tip: Touch and drag the **Border bar** to resize the windows.

Customizing the Multi Window Apps Panel Configuration

You can rearrange the apps on the Multi window panel, add new apps or remove apps.

On the Multi Window panel:

1. Touch . . . to access the panel controls.
2. Touch  **Edit**.
3. Configure apps:
 - To remove an app from the panel, drag it off of the panel and place it in the storage area.
 - To add an app to the panel, drag it from the storage area to the panel.
 - To relocate an app, drag it to a new location.

Smart Screen

With Smart screen activated your phone automatically adjusts screen time-out, rotation when it detects you are looking at the screen, and controls scrolling and playback when you are facing the screen.

Smart screen features include:

- **Smart stay:** The screen does not time out as long as you are looking at it.
- **Smart rotation:** The screen automatically updates to match the angle at which you are viewing the screen.
- **Smart pause:** The screen automatically pauses video playback if you look away from the screen.
- **Smart scroll:** The screen scrolls according to the tilt of the phone and your face.

Smart screen uses the front camera to detect when you are facing the screen. Some factors may affect the ability of the front camera to detect your face:

- When the phone is not docked or held upright. For example, when placed on a table.
- When the front camera cannot detect your face and eyes.
- When the front camera is used for the current application.
- When the light source is behind you, or when using the phone in the dark.

Configure Smart Screen

To enable Smart screen features:

- From a Home screen, touch  Menu → Settings →  My device → Smart screen.

For more information, refer to “*Smart Screen*” on page 186.

Air View

Air view allows you to hover your finger over items on the screen to display more information.

- **Information preview:** Hover over items to display information previews, extended text, or enlarged images, depending on the type of item.
- **Progress preview:** Hover over a progress bar, such as for video playback, to display a scene preview or elapsed playback time.
- **Speed dial preview:** Hover over a speed dial to display the name of the contact assigned to the speed dial.
- **Webpage magnifier:** Hover over a webpage to magnify the content under your finger.

For more detailed information and Air view settings, see “*Air view*” on page 186.

Voice Control

Use voice commands to control and interact with the phone:

- **Incoming calls:** When enabled, use the voice commands Answer or Reject to answer or reject calls. When you answer, the Speaker automatically turns on for hands-free conversation.
- **Alarm:** When enabled, say Stop or Snooze to stop or snooze an alarm.
- **Camera:** When enabled, say Smile, Cheese, Capture, and Shoot to take pictures.
- **Music:** When enabled, say Next, Previous, Play, Volume Up, and Volume Down to control the music player.

Pop-Up Video

Multi-task with Pop-Up Video by transforming your video player into a pop-up window floating on the screen. The video continues to play, and the pop-up window can be resized or moved anywhere on the screen.

To use Pop-up Video:

- While watching a video, touch the  Pop-Up Video icon in the lower right corner of the screen.

Memory Card

Your device lets you use a microSD (SD) or microSDHC card to expand available memory space. This secure digital card enables you to exchange images, music, and data between SD-compatible devices. This section addresses the features and options of your device's SD functionality. The device has a USB SD card mode.

Mounting the SD Card

To store additional photos, music, videos, and other applications, you must mount (install) the SD card prior to use. Mounting the SD card establishes a USB connection with your computer.

1. Insert the SD card into the external, SD card slot. For more information, refer to "*Installing the Memory Card*" on page 11.
2. Your SD card is scanned to see the available information on it.

Unmounting the SD Card

Unmounting the SD card prevents corruption and damage to the SD card while removing it from the slot.

1. From a Home screen, touch Apps → Settings → More → Storage.
2. Scroll to the bottom of the display and touch **Unmount SD card**.
3. Touch **OK**.

For more information, refer to "*Installing the Memory Card*" on page 11.

SD Card Available Memory Status

To view the memory allocation for your external SD card:

1. From a Home screen, touch Apps → Settings → More → Storage.
2. The available memory for Device and SD card displays under the **Total space** and **Available space** headings.

Erasing Files from the SD Card

You can erase files from the SD card using the phone.

1. Ensure the SD card is mounted.
2. From a Home screen, touch Apps → Settings → More → Storage.
3. Touch **Format SD card**.
4. At the **Format SD card** confirmation prompt, touch **Format SD card**.

Warning! Performing the next step erases all data stored on the SD card.

5. Touch **Delete all** to format or touch Back to cancel.

Help

Access help information to learn how to use the device and applications or configure important settings.

1. From a Home screen, touch Apps → Help.
2. Select a category to view tips.

Task Manager

Your phone can run apps simultaneously, with some apps running in the background. Use Task Manager to see which apps are running on your phone and to end running apps to extend battery life. You can also uninstall apps from your phone and check memory usage.

1. From any unlocked screen, press and hold the Home key, and then select **Task manager**.
2. Touch the **Active applications** tab to view apps running on your phone. Touch **End** or **End all** to close apps.
3. Touch the **Downloaded** tab to view information about apps you have installed on your phone.
Touch **Uninstall** to remove an app from your phone.
4. Touch the **RAM** tab to display the amount of RAM (Random Access Memory) in use.
Touch **Clear memory** to clear processes to increase available RAM.
5. Touch the **Clear defaults** tab to remove any default app settings that have been set.

6. Touch the **Storage** tab for internal system storage and SD card memory statistics.

Tip: Touch and drag your finger on the tabs to scroll the tabs.

Entering Text

This section describes how to select the desired text input method when entering characters into your phone. This section also describes the predictive text entry system that reduces the amount of key strokes associated with entering text.

Your phone comes equipped with an orientation detector that can tell if the phone is being held in an upright (Portrait) or sideways (Landscape) orientation. This is useful when entering text.

Text Input Methods

There are three text input methods available:

- **Samsung keyboard (default):** Samsung's onscreen QWERTY keyboard that can be used in both portrait and landscape orientation.
- **Swype:** Instead of touching each key to enter text, use your finger to trace over each letter of a word.
- **Google voice typing:** Enter text by speaking.

To change the input method, see “*Keyboards and Input Methods*” on page 179.

To choose a text input method while entering text:

1. Touch the top of the screen and swipe downward.
The Notification Panel displays.
2. Touch  **Select input method.**
The Select input method pop-up displays.
3. Touch an input method to activate it.

For more information, refer to “*Keyboards and Input Methods*” on page 179.

Using the Samsung Keyboard

The Samsung keyboard is a custom virtual QWERTY keyboard, featuring optional predictive text. Input characters by touching the onscreen keys with your finger or use speech recognition.

You can enable predictive text, to have the Samsung keyboard match your key touches to common words and display them. The Personalization option learns from Gmail, Facebook, and Twitter. Log into these applications to enable the Samsung keyboard to learn from your text input.

Configuring the Samsung Keyboard

You can configure the Samsung keyboard to your preferences. While entering text:

- Touch and hold  **Options** on the keyboard and then touch  **Settings** in the pop-up menu.

The Samsung keyboard settings screen displays.

For more information, refer to “Samsung Keyboard” on page 180.

Entering Upper and Lower Case Letters

The default case is lower case (abc). Enter upper and lower case alphabet letters by touching the Shift key  to toggle the case, before touching the letter keys.

- Touch once to switch from abc to Abc mode.
- Touch twice to switch to ABC mode. When ABC mode is enabled, the Shift key background turns blue .

Entering Symbols and Numbers

The number keys are displayed at the top of the keyboard and are always available.

To enter common symbols, touch  to switch to symbol mode, then touch the corresponding key.

There are three pages of symbols. Touch  to switch to the next page.

Touch and hold a vowel key (A, E, I, O, U, or Y) or the C, N, or S key to open a small window where you can choose an accented vowel or other alternate letter. Slide to the letter until it is highlighted, and release.

Touch and hold the Period key (.) to open a small window with a set of common symbols.

Using Predictive Text

By using Predictive text, you can have next-letter prediction and regional error correction, which compensates for touching the wrong keys on the QWERTY keyboard.

Note: Enable Predictive text in Samsung keyboard settings.

For more information, refer to “*Samsung Keyboard*” on page 180.

While entering characters, potential word matches display in the Predictive text area above the keyboard.

- Touch a word to insert it into your text.

Tip: Touch  to display more words.

Note: Predictive Text mode is available for landscape or portrait orientation.

Using Google Voice Typing from the Samsung Keyboard

When you enable the Google voice typing setting, you can use your voice to enter text instead of the keyboard.

For more information about enabling Voice input, see “*Using Google Voice Typing*” on page 49.

Editing Text

You can edit the text you enter in text fields by cutting, copying, or pasting text. These operations can be performed within and across apps. However, some apps do not support editing some or all of the text displayed while others may offer their own way to select text.

Editing Existing Text

To edit text that you have entered:

1. Touch the text at the point you want to edit.
The **Cursor** displays at the point you touched.
2. Touch and drag the **Cursor** to a better position, if necessary.
3. Enter additional text or delete text by repeatedly touching the  **Delete** key.

Copying, Deleting, or Replacing Text

To select and copy, delete, or replace text:

1. Touch and hold the text or word you want to select.

The selected text is highlighted with a tab at each end of the selection.

2. Touch and drag either tab to select more or less text.

Tip: Touch **Select all** in the pop-up to select all text in the field. Touch on another area of the screen to deselect the text.

3. Depending on the action you want to take for the selected text, in the pop-up touch:

- **Select all** to highlight all text in the field.
- **Cut** to remove the selected text.
- **Copy** to save the selected text to the clipboard.
- **Paste** to paste previously copied text.
- **Clipboard** to display the text saved to the clipboard.
- **Translate** to translate the highlighted word. For more information, refer to “*S Translator*” on page 146.

– or –

Enter text by typing or speaking to replace the selection with what you type.

– or –

Touch the **Delete** key to delete the selected text.

Pasting Text

To paste previously copied text:

1. Touch the text at the point you want to paste the copied text.

The **Cursor** displays at the point you touched.

2. Touch the Cursor.

A pop-up displays.

3. Touch **Paste** in the pop-up.

To paste text directly from the clipboard:

1. Touch and hold **Options** on the keyboard and then select from the pop-up menu to display the text saved to the clipboard.
2. Touch a text block to paste that text where the **Cursor** is positioned.

Closing the Keyboard

To close the keyboard:

- Touch  Back to close the keyboard.

Using Google Voice Typing

You can use your voice to enter text using the Google Voice typing feature.

While entering text:

1. Touch  Options on the keyboard.

For more information, refer to “Samsung Keyboard” on page 180.

2. At the **Tap to speak** prompt, touch  and speak clearly and distinctly into the microphone.

The software converts your voice to text, which displays in the message.

3. Keep speaking to add more text.
4. Touch  to display the Samsung keyboard.

Note: The feature works best when you break your message down into smaller segments.

Entering Text Using Swype

Swype is a text input method that allows you to enter a word by sliding your finger or stylus from letter to letter, lifting your finger between words. Swype uses error correcting algorithms and a language model to predict the next word. Swype also includes a touch predictive text system.

Enabling and Configuring Swype

To enable the Swype keyboard while entering text:

1. Touch the top of the screen and swipe downward, to display the Notification Panel.
2. Touch  Select input method.
3. Touch **Swype**.
4. Touch **Continue**.
5. Follow the onscreen instructions and touch **Register** or **Skip**.
6. Touch **How to Swype**, **Gestures**, or **Swype**, or touch **Start Swyping** to use Swype.

The Swype keyboard displays.

Swype Tips

The following example shows how to enter the word “This”. Put your finger down on the “T”, and without lifting, glide it to the “h”, then to the “i” then over to the “s”.



Here are a few tips to get you started:

- **Auto-spacing:** When you finish a word, just lift your finger and start the next word.
- **Double letters:** Just “scribble” on the key.
- **Auto-capitalization:** Swype recognizes and capitalizes the first word of sentences. If you want to capitalize a word that is not at the beginning of a sentence, just glide above the keyboard before gliding over the next letter.
- **Contractions:** Swype recognizes most words that include an apostrophe, just swype the letters of the word, including the apostrophe.
- **Punctuation:** Touch and hold a key to view a punctuation menu and make a selection.
- **Accented characters:** Just glide through the letters of the word. Swype usually recognizes the word and correctly accents the letters.
- **Error correction:** If you make a mistake, double-tap on the word you want to change.

Swype Settings

To configure Swype to your preferences:

- While entering text, touch and hold the  **Swype Key** to display the Settings screen.
- For more information, refer to “*Swype*” on page 181.

Swype Help

While entering text, you can get information about Swype.

1. Touch and hold the  **Swype Key** to access the Swype options menu.
2. Touch **Help → How to Swype**.

The Swype tutorial displays.

Section 3: Contacts and Accounts

This section explains how to manage contacts and accounts.

Accounts

Your phone provides the ability to synchronize information, from a variety of accounts, including Email, Facebook, Google, and your Samsung account. Depending on the account, you can choose to synchronize your calendar, contacts, and other types of content.

Contacts from your accounts appear in your phone's Contacts.

With synchronization, you can ensure that information on your phone is updated with any information that changes in your accounts.

Setting Up Your Accounts

Set up and manage your accounts with the Accounts settings.

For information about setting up other, non-synchronized email accounts, see “*Creating an Email Account*” on page 88.

Tip: For more information on setting up your email, visit the Smartphone Resource Center at: smartphones.verizonwireless.com

Adding an Account

1. From a Home screen, touch Apps → Settings → Accounts → Add account.
2. Select an account provider, then follow the prompts to enter your credentials and sign in.
3. The device communicates with the provider's server to set up your account on the device.

Managing Accounts

1. From the Home screen, touch Apps → Settings → Accounts.
2. Select an account, then touch a setting to enable or disable synchronization. When enabled, a check mark displays in the check box.

Synchronizing Accounts

From the Accounts menu, you decide if you want applications to synchronize, send, and receive data at any given time, or whether you want the applications to synchronize automatically. After determining how you want the accounts to synchronize, indicate which account to synchronize with your Contacts list.

1. From a Home screen, touch Contacts.
2. Touch Menu → Accounts.
If you have previously added any accounts, the **Sync settings** screen displays with your current accounts listed.
3. Touch an account that you would like to synchronize.

4. At the **Sync settings** screen, touch the options that you would like to synchronize for that account.
5. Touch **Sync now** to synchronize the account.
The account is synchronized.
6. Touch Back to return to the Contacts list.

Note: You can also synchronize your accounts using the Settings menu. For more information, refer to “*Synchronizing Accounts*” on page 188.

Contacts

Use Contacts to store information for your friends, family, and colleagues, to make contacting them easy.

There are several ways to access Contacts:

- From a Home screen, touch  **Contacts**.
 - or –
- From a Home screen, touch  **Apps** →  **Contacts**.
 - or –
- From a Home screen, touch  **Phone** →  **Contacts**.

Tip: Swipe your finger left-to-right across a contact to make a call to the contact.

Swipe right-to-left across a contact to create a message addressed to the contact.

Choosing Contacts to Display

1. Touch  **Contacts**.
2. Touch  **Menu** → **Contacts to display**.

Choose one of the following display options:

- **All contacts:** Show all contacts.
- **Device:** Only contacts stored to your device.
- **SIM:** Only contacts saved to the SIM card.
- **<account>:** Only display contacts from this account.
- **Customized list:** Select contact types for each account or the phone.

Creating Contacts

1. Touch  Contacts →  Create contact.
2. At the **Save contact** prompt, select a save option for the contact (options depend on accounts set up):
 - **OK:** Save to the phone's Contacts.
 - **Add new account:** Add a new account type.

Note: New contacts are saved in “my device contacts” unless you add an account.

3. Touch the Contact image to choose a picture to identify the contact.
4. Touch contact fields to display the keyboard and enter information:
 - Some fields have preset values. Touch the field and touch the desired value. For example, touch the  Label tab and touch a label for the field.
 - Other fields have to be input. Touch the field and use the on-screen keyboard to input information.
 - Touching the check box next to some fields may make additional fields available.

- Touch  to add additional fields. Touch  to remove an unused field. Also, touch **Add another field** to add other fields.
 - Touch the screen and swipe up or down to display additional fields or touch **Next** on the keyboard to move to the next field.
5. Touch  Back to remove the keyboard.
 6. When you finish entering information, touch  **Save** to save your changes or touch  **Cancel** → **OK** to cancel and discard changes.

Tip: Display a contact's record and touch the **Email** field to send an email, the **Address** field to display the address on a map, or the **Website** field to link to the website.

Updating Contacts from Recent Calls

Save a phone number from a recent call to create a new contact or update an existing contact.

For more information, refer to “*Saving a Recent Call as a Contact*” on page 75.

My Local Profile

My local profile is your own contact record, listed under ME in Contacts. You can send My local profile as a vCard by using Bluetooth or as an attachment.

Creating My Local Profile

1. Touch  **Contacts**.
2. Touch **Set up profile**, then enter your information in the contact fields. For more information, see “*Creating Contacts*” on page 55.

Sending My Local Profile

You can send your profile as a vCard by using Bluetooth to other Bluetooth devices, or as an attachment.

1. Touch  **Contacts**.
2. Touch your profile to display your contact information.
3. Touch  **Menu**, then touch **Share namecard via**.
4. Choose a sending method, then follow the prompts to send the profile.

Adding Pauses to Contact Numbers

When you call automated systems, you are often required to enter a password or account number. Instead of manually entering the numbers each time, you can store the numbers in your Contacts along with special characters called *pauses* and *waits*. A pause stops the calling sequence for two seconds and a wait pauses the calling sequence until you enter a number or touch a key.

To add a pause or a wait to an existing Contact:

1. Touch  **Contacts**.
2. Touch the name or number to open the Contact.
3. Touch  to edit.
4. Touch the phone number field and then touch the screen at the position where the pause or wait needs to be added.
5. Touch  and then touch **Pause(,)** to add a two-second pause or touch **Wait();** to add a wait. A pause displays as a , (comma) and a wait displays as a ; (semi-colon).

6. Touch  and use the keypad to enter the additional numbers
7. Touch  **Save** to save your changes or touch  **Cancel** → **OK** to cancel and discard changes.

Editing an Existing Contact

When editing an existing contact, you can touch a field and change or delete the information, or you can add additional fields to the contact's list of information.

1. Touch  **Contacts**.
2. Touch the name or number to open the Contact.
3. Touch  to edit.
4. Touch any of the fields to add, change, or delete information.
5. Touch **Save** to save the edited information.

Using Contacts

Dialing or Messaging from Contacts

Call contacts quickly by either using their phone number or by using the Search field to locate a contact entry.

You can also send messages from Contacts.

Finding a Contact

1. Touch  **Contacts**.
2. Within the Contacts list (sorted alphabetically), touch a letter on the right side of the display to quickly jump to the contacts beginning with that letter.
3. Touch the contact you want to call or message.
4. To make a phone call, touch the phone icon .

— or —

To send a message, touch the message icon .

For more information, refer to “*Creating and Sending Messages*” on page 83.

Tip: From the Contact list, swipe right over a listing to make a call. Swipe left over a listing to send a message.

Linking Contacts

Linking Contact Information

Your device can synchronize with multiple accounts, including Google, Corporate, and other providers, plus social networking sites like Facebook. When you synchronize contacts from these accounts with your device, you may have multiple contacts for one person.

Linking contact records allows you to see all the contact's numbers and addresses together. Linking also helps you keep your contacts updated because any changes to information in the respective accounts is automatically updated the next time you synchronize with the account.

The next time you synchronize your phone with your accounts, any updates that contacts make to email account names, email addresses, and so on, automatically update in your contacts list.

For more information about synchronizing accounts, see "Synchronizing Accounts" on page 53.

Linking Contacts

1. Touch  **Contacts**.
2. Touch a contact name that you want to link to another contact entry.
Note: Typically this is the same contact with a different name or account information.
3. Touch  **Menu** → **Link contact**.
The contact list displays.

Note: Only contacts stored on your phone can be linked.

4. Touch the second contact entry that you want to link with the first contact entry.
The second contact is now linked with the first contact and the account information is merged into one screen.

Note: When you link the contacts, the information is still maintained in both entries, but displays in one record for easier viewing.

5. Touch  in the **Connection** section to view the linked contact information. The location of the contact, such as Device or an account, displays along with the contact's name.

Unlinking Contacts

1. Touch  **Contacts**.
2. Touch the linked contact name.

In the **Connection** section, various icons show how many contacts are linked in this record.

3. Touch  in the **Connection** section to display the linked contacts list.
4. Touch  next to a contact to remove it from the linked contact record.
5. At the **Separate contact** prompt, touch **OK**.

The contact is now separated and no longer displays in the merged record screen.

Marking a Contact as Default

When you use messaging type applications, the application needs to know which information is primary (default) in a contact entry list. For example, you may have three different contact records for John Smith, so the application will be looking for the "default" number or entry.

1. Touch  **Contacts**.
2. Touch a Contact name.
3. Touch  **Menu** → **Mark as default**. The Mark as default screen displays radio buttons next to the contact names or phone numbers of all the linked contacts. The radio button next to the default contact will be green.
4. To change the default contact, touch the radio button next to another entry that you want to be the default. The radio button will turn green, then touch **Done**.

Contacts Options

You can access Contacts options while at the main Contacts screen or while in the details screen for a specific entry.

Options in Contacts

1. Touch  Contacts.
2. Touch  Menu.

The following options are displayed:

- **Backup:** Launch Backup Assistant Plus.
- **Delete:** Delete one or more contacts.
- **Import/Export:** Move contacts to or from your memory card or USB storage.
- **Share namecard via:** Send one or more contact's information by using Bluetooth, Email, Gmail, Messaging, or Wi-Fi Direct.
- **Accounts:** Display the accounts set up on your phone. Touch **Add account** to add additional accounts or touch an existing account to manage sync settings.
- **Speed dial setting:** Set up speed-dialing. For more information, refer to *"Making a Call Using Speed Dial"* on page 73.

- **Send message/email:** Send a text message or an email to one or more contacts.
- **Contacts to display:** You can choose to display all of your contacts or only display contacts on your Phone, SIM, or contacts stored to other accounts. You can also touch **Customized list** to change other options on how your contacts are displayed.
- **Settings:** Displays options for viewing contacts:
 - **Only contacts with phones:** Only display contacts that have phone numbers.
 - **List by:** List contacts by First name or Last name.
 - **Display contacts by:** Display contacts by First name first or Last name first.
 - **Service numbers:** Display or edit your service numbers.
 - **Contact sharing settings:** Touch **Settings** to specify how contacts are transferred to another device, either as a full group or individually.
- **Help:** Displays information about how to use Contacts.

Contact Options

1. Touch  Contacts.
2. Touch a contact and at the contact's display screen, touch  Menu for options:
 - **History:** View the phone and message history for the contact.
 - **Edit:** Edit the contact's information.
 - **Delete:** Delete the contact.
 - **Link contact:** Link contacts with other contacts.
 - **Separate contact:** Separate contacts that have been linked.
 - **Mark as default:** When you have multiple contacts linked together, you can mark one of them as default (only displays when contact is saved to the phone). For more information, refer to "*Marking a Contact as Default*" on page 59.
 - **Share namecard via:** Send the contact's information by using Bluetooth, Email, or other services.
 - **Add to/Remove from reject list:** Add or remove the contact from your reject list. If they call while being on the reject list, the call will be sent directly to voicemail.
 - **Add shortcut to home:** Place a shortcut for this contact on your Home screen.

Groups

Assign contacts to Groups to make searching for contacts faster or to quickly call or send messages to group members. There are several default groups that are predefined, which you can use to add your contacts, or you can create new groups.

Creating a New Group

1. Touch  Contacts.
2. Touch  Groups →  Menu → Create.
3. Touch the **Group name** field and use the onscreen keyboard to enter a new group name. Touch **Done** to remove the keyboard.
4. Touch **Group ringtone** to choose a ringtone for assignment to this new group. Touch a ringtone to hear how it sounds, then touch **OK**.

— or —

Touch **Add** to select a ringtone from your music files.
5. Touch **Message alert** to choose an alert tone for assignment to this new group, then touch **OK**.

6. Touch **Vibration pattern** to choose a vibration audio file for assignment to this new group, then touch **OK**.
– or –
Touch **Create** and follow the onscreen instructions to create your own vibration pattern.
7. Touch **Add member** to add contacts to the new group. Touch each contact you want to add to create a check mark. You can also touch **Select all**.
Touch **Done** to add the members.
8. Touch **Save** to save the new contact Group.

Adding a Contact to a Group

1. Touch  **Contacts** →  **Groups**
2. Touch a group entry.
3. Touch  **Add** to add to a member to the group.
4. Touch contacts to add to the group or touch **Select all**.
5. Touch **Done**.

Removing a Contact from a Group

1. Touch  **Contacts** →  **Groups**
2. Touch a group entry.
3. Touch  **Menu** → **Remove member**.
4. Touch each contact that you want to remove from this group or touch **Select all**.
5. Touch **Done**.

Editing a Group

To edit a Group entry, there must be at least one member as part of the selected group.

1. Touch  **Contacts** →  **Groups**
2. Touch a group entry.
3. Touch  **Menu** → **Edit group**.
4. Make modifications to the Group name, Group ringtone, Message alert, or Vibration pattern fields.
5. Touch **Add member** to add more contacts to this group. Touch **Done** to add the members.
6. Touch **Save** to save the edited contact Group.

Deleting a Group

1. Touch  Contacts →  Groups
2. Touch  Menu → Delete groups.
3. Touch each group that you want to remove or touch **Select all**.
4. Touch **Delete**, then choose **Group only** or **Group and group members**, and touch **OK**.

Note: You cannot delete default groups.

Sending a Message to Group Members

Create a new text or email message, addressed to a group's members.

1. Touch  Contacts →  Groups
2. Touch a **Group** to display it.
3. Touch  Menu → **Send message** or **Send email**.
4. Touch contacts to mark them as recipients for the new message or touch **Select all**, and then touch **Done**.

The new message opens with the marked contacts as recipients. Continue creating the message, as desired.

For more information, see “*Creating and Sending Messages*” on page 83 or see “*Using Email*” on page 88.

Favorites

Mark contacts with a gold star to identify them as Favorites.

Favorites display on the Favorites tab in the Phone and Contacts apps for fast dialing or messaging, and are indicated by the .

To view your Favorites list:

- Touch Contacts → Favorites.

Adding Favorites

1. Touch Contacts → Favorites.
2. Touch Menu → Add to favorites.
3. Touch contacts to mark them as favorites or touch **Select all**, and then touch **Done**.

A gold star displays next to the contact in the Contacts list.

— or —

Touch a contact to display it, then touch the star at the top right of the screen.

Removing Favorites

1. Touch Contacts → Favorites.
2. Touch and hold the contact that you want to remove from Favorites.
3. Touch **Remove from favorites** from the pop-up menu.
4. The contact is removed from Favorites and the gold star no longer displays on the contact entry.

Tip: Touch a contact to display it, then touch the gold star at the top right of the screen to turn it white.

Managing Contacts

Exporting and Importing Contacts

You can export your contact list to and from USB storage or an installed memory card. Contacts are exported and imported as a special VCF file, and contacts are sent as vCards.

1. Touch  **Contacts**.
2. Touch  **Menu** → **Import/Export**.
3. Select an option, then follow the prompts to complete the operation:
 - **Import from USB storage:** Copy contacts that are saved in device memory.
 - **Export to USB storage:** Copy contacts to device memory.
 - **Import from SD card:** Imports contacts from the SD card.
 - **Export to SD card:** Exports contacts to the SD card.
 - **Import from SIM card:** Copy contacts to the device that are saved to a SIM card.

Deleting Contacts

You can delete Phone or account contact records.

1. Touch  **Contacts**.
2. Touch and hold a contact that you want to delete, then select **Delete** from the pop-up menu.
3. At the **Delete** prompt, touch **OK** to delete the contact or **Cancel** to exit.

Note: Deleting contacts that are saved under an account will be deleted from the account, if sync is turned on.

Sending Namecards (vCards)

You can send a contact namecard as a vCard by using Bluetooth devices or as an attachment via Gmail or Email.

Important! Not all Bluetooth devices accept contacts and not all devices support transfers of multiple contacts. Check the target device's documentation.

1. Touch  **Contacts**.
2. Touch  **Menu → Share namecard via**.
3. Touch contacts to mark them for sending or touch **Select all** to mark all contacts.
4. Touch  **Done**.
5. At the prompt, choose a sending method, then follow the prompts to send the namecard by using Bluetooth, Email, Gmail, Messaging, or Wi-Fi Direct.

Backing Up Contacts

Use Backup Assistant Plus to save a copy of your Contacts to a secure web site.

1. Touch  **Contacts**.
2. Touch  **Menu → Backup**.
The Backup Assistant Plus screen displays.
3. Follow the prompts to log in to your Backup Assistant account.

For more information, refer to “*Backup Assistant Plus*” on page 187.

Speed Dials

Speed dials are 1-, 2-, or 3-digit shortcuts (1 to 100) you assign to contacts, to allow you to quickly call the contact.

For more information about calling using speed dials, see “*Making a Call Using Speed Dial*” on page 73.

Note: Some speed dials are reserved by default, and cannot be assigned:

Speed dial 1 is reserved for Voicemail.

Speed dial 96 is reserved for data usage inquiries.

Speed dial 97 is reserved for balance inquiries.

Speed dial 98 is reserved for minutes inquiries.

Speed dial 99 is reserved for payment inquiries.

Removing or Reassigning a Speed Dial

1. Touch  Contacts.
2. Touch  Menu → Speed dial setting.
3. Touch  Menu, then touch an option:
 - **Change order:** Touch an assigned speed dial, then touch a new speed dial location to change the order.
 - **Remove:** Touch a speed dial to remove it.

Assigning Speed Dials

1. Touch  Contacts.
2. Touch  Menu → Speed dial setting.
A list of speed dials displays.
3. Touch a **Not assigned** speed dial field, then touch a contact to assign the contact to the speed dial location.

Using the Service Dialing Numbers

You can view the list of Service Dialing Numbers (SDN) assigned by your service provider. These numbers may include emergency numbers, customer service numbers, and directory inquiries.

1. Touch  **Contacts**.
2. Touch  **Menu** → **Settings** → **Service numbers**.
3. Scroll through the available numbers.
4. Touch a number and the call is made.

Note: This menu is available only when your SIM card supports Service Dialing Numbers.

Section 4: Call Functions

This section describes how to make or answer a call. It also includes the features and functionality associated with making or answering a call.

For more information, refer to “Call” on page 169.

Displaying Your Phone Number

- From a Home screen, touch Apps → Settings → More → About phone → Status.

Your phone number displays in the **My phone number** field.

Phone

Use the Phone app to access the phone Keypad, Recent calls, Favorites, and Contacts.

There are several ways to access Phone:

- From a Home screen or Apps, touch Phone.
 - or –

From a Home screen, touch Contacts → Phone.

Making Calls

Your phone offers multiple ways to make calls:

- Use the touch screen **Phone Keypad** to enter the phone number or speed dial.
- Call a contact from **Contacts**.
- Call a contact from **Favorites**.
- Return a call or call a recent caller from **Recent calls**.
- Voice dial using **S Voice**.

Making a Call Using the Phone Keypad

1. Touch Phone.
2. Touch the digits of the telephone number on the **Keypad**.
3. Touch Call to make the call.

Note: When you activate the **Auto retry** option in the Call settings, the phone automatically redials up to 10 times when the person does not answer the call or is already on the phone. For more information, refer to “*Call*” on page 169.

Making an International Call

1. Touch  Phone, then touch and hold .

The + character appears.

2. Use the onscreen keypad to enter the country code, area code, and phone number.

If you make a mistake, touch  until the desired numbers have been deleted.

3. Touch  Call to make the call.

Manual Pause Dialing

To manually call a number with pauses without storing them in your Contacts list:

1. Touch  Phone and use the onscreen keypad to enter the phone number.
2. Touch  Menu to display the dialer sub-menu.
3. Touch **Add 2-sec pause** to add a two second pause, and use the keypad to enter the additional numbers.

Tip: You can create pauses longer than two seconds by entering multiple two second pauses.

4. Touch  Menu → **Add wait** to add a wait.
A wait will pause the calling sequence until you enter a number or touch a key.
5. Touch  Call to make the call.

For more information, refer to “*Adding Pauses to Contact Numbers*” on page 56.

Correcting an Entered Number

Use the following steps to correct a mis-typed entry when dialing.

- After entering a number using the keypad:
 - If you make a mistake, touch  to erase a single character.
 - Touch and hold  to erase the entire string of numbers.

Ending a Call

To end a call:

- Touch  **End call.**

Making Calls from Contacts

A contact is an entry that you have created to store the name, phone numbers, and other information for people or groups of interest.

For more information, see “*Contacts*” on page 54.

1. From a Home screen, touch  **Contacts**.
2. Find the contact and touch it to open the Contact entry.
3. Touch  to dial the number.

Making Calls Using Favorites

Favorites are contacts that you designate as favorites by starring them. For more information about creating favorites, see “*Adding Favorites*” on page 64.

1. From the Home screen, touch  **Phone**.
2. Touch  **Favorites** to display favorites.
3. Find the contact to call and touch  to dial the number.

Dialing a Recent Number

All incoming, outgoing and missed calls are recorded in the **Recent** calls log. If the number or caller is listed in your Contacts, the associated name is also displayed.

1. Touch  **Phone**.
2. Touch  **Recent**.
A list of recent calls displays.
3. Touch the desired Contact to enter the **Details** page, then touch  to make a call.

Making Calls Using S Voice

Place a call by speaking the name or number.

1. From the Home screen, touch  Phone then touch .
2. The first time you access, touch **Confirm** to accept the Samsung Disclaimer.
3. The first time you access, touch **Agree** to confirm the Terms of Service.
4. Follow the prompts to speak a command. You can say commands such as:
 - **Call <Name device>**: Ex: "Call Charlie mobile" or "Call Joe work". Call an entry in the Contact list.
 - **Dial <Phone number>**: Ex: "Dial 555-123-1234". Call a spoken phone number.
 - **Redial**: Redials the last number called.

Tip: To launch S Voice from most unlocked screens by pressing  Home twice, set the option: launch **S Voice** and then touch  Menu → **Settings** → **Open via the home key**. The default setting value is **Off**.

Making Emergency Calls

If you do not have a SIM card installed the first time you turn on the phone, the **No SIM card found** message displays. Follow the onscreen instructions to install your SIM card and then restart your phone.

Without a SIM card, you can only make an emergency call with the phone. Normal cell phone service is not available.

To make an Emergency Call with or without a SIM Card:

1. Touch  Phone.
2. Enter 9-1-1 and touch  Call. Complete your call. During this type of call, you will have access to the Speaker mode, Keypad, and End Call features.
3. Touch  End call to exit this calling mode.

Making a Call Using Speed Dial

You can assign a shortcut number to a phone number in your Contacts List for speed dialing.

1. From a Home screen, touch  **Contacts** to display your Contacts List.

2. Touch  **Menu → Speed dial setting**.

The Speed dial setting screen displays showing the numbers 1 through 100. The number 1 is reserved for Voicemail.

3. Touch an unused number.

The Select contact screen displays.

4. Touch a contact to assign to the number.

The selected contact number displays in the speed dial number box.

To remove a speed dial number or change the order:

- Touch  **Menu → Change order or Remove**.

To make a call using Speed Dial:

1. Touch  **Phone**.
2. On the keypad, touch and hold the speed dial number.
If the speed dial number is more than 1 digit long, enter the first digits, then hold the last digit.

Answering a Call

You can answer incoming calls when the device is locked or unlocked. When you receive a call, an incoming call screen displays.

To answer the call:

- Touch and drag  in any direction.

To reject the call and send it to your voicemail:

- Touch and drag  in any direction.

To reject the call with a message:

- Touch and drag the **Reject call with message** tab upward.
 - Touch a predefined text message to send to the caller.
– or –
 - Touch **Create new message** to compose a new message.

To end the call:

- Touch  End call.

Note: You can answer a call while using Contacts or other functions. After ending the call, the phone returns to the previously active function screen.

Dialing Options

From the Home and Apps screens, you have the option to access the Dialer and initiate a call by touching  Phone.

The following tabs are located at the top of the screen:

- **Keypad:** Dial the current number entered using the onscreen keypad.
- **Recent:** Display a list of all dialed, received, and missed calls.
- **Favorites:** Display your contacts that you have marked as Favorites.
- **Contacts:** Launch the Contacts app where you can select a contact to call.

When you touch **Keypad** and begin to enter numbers, the **Add to Contacts** option appears so you can save the Contact, if needed.

Call Log

The phone stores the numbers of the calls you have dialed, received, or missed in the Call log. The Call log displays the details of the call.

1. Touch  Phone.
2. Touch  Recent.

A list of recent calls displays. If the number or caller is listed in your Contacts, the associated name displays.

All calls made, received, and missed are listed. Types of calls are identified by the following icons:

- **Incoming Calls:** 
- **Outgoing Calls:** 
- **Missed Calls:** 
- **Rejected Calls:** 
- **Auto Rejected Calls:** 

Calling Back a Missed Call

To call a missed call number:

1. Touch  Phone →  Recent.

A list of recent calls displays. If the number or caller is listed in your Contacts, the associated name displays.

2. Swipe the desired missed call to the right to call.

– or –

Swipe the desired missed call to the left to create and send a message.

Saving a Recent Call as a Contact

1. Touch  Phone →  Recent.

A list of recent calls displays.

2. Touch the call you want to save to your Contacts.
3. Touch **Create contact** to add the call to your Contacts.

– or –

If you want to replace the number for an existing contact, touch **Update existing**.

4. Enter information into the various fields using the keyboard.

5. Touch **Save** to save when you are finished.

For further details about the Contacts feature, see “*Creating Contacts*” on page 55.

Sending a Message to a Recent Call

1. Touch  Phone →  Recent.

A list of recent calls displays.

2. Swipe the entry you want to message to the left.
3. At the New message screen, touch the **Enter message** field and use the onscreen keyboard to enter in a message.
4. When you are done with your message, touch **Send**.

For more information, refer to “*Creating and Sending Messages*” on page 83.

Deleting a Call from the Call Log

1. Touch  Phone →  Recent.
2. Touch and hold the call you want to delete from the Recent calls log.
3. Touch **Delete**.
4. At the **Delete log** prompt, touch **Delete**.

The call is deleted from the Recent calls log.

Adding a Call to the Reject List

1. Touch  Phone →  Recent.
2. Touch and hold the call you want to add to the Reject List.
3. Touch **Add to reject list**.
4. At the Add to reject list prompt, touch **OK**.

Future calls from this number will be rejected and sent to your voicemail.

Call Duration

1. Touch  Phone →  Recent.
2. Touch  Menu → **Call duration**.
The following times are displayed for Voice and Data:
 - **Last call**: Shows the length of time for the last call.
 - **Dialed calls**: Shows the total length of time for all calls made.
 - **Received calls**: Shows the total length of time for all calls received.
 - **All calls**: Shows the total length of time for all calls made and received.
3. To reset these times to zero, touch  Menu → **Reset**.

Options During a Call

Your phone provides a number of control functions that you can use during a call.

Adjusting the Call Volume

During a call, to adjust the volume, use the Volume key on the left side of the phone.

- Press the **Up** end of the volume key to increase the volume level and press the **Down** end of the volume key to decrease the volume level.
 - or –

Quickly add more volume to the incoming audio by touching the onscreen **Extra volume** button .

From a Home screen, you can also adjust the ringer volume using these same keys.

In-Call Options

During an active call there are several functions available by touching a corresponding onscreen button.

- **Add call:** Display the dialer so you can call another person.
- **Keypad:** Display the onscreen keypad, where you can enter number using DTMF (Dual Tone Multi-Frequency).
- **End call:** Terminate the call.
- **Speaker:** Route the phone's audio through either the speaker or through the earpiece.
 - Touch **Speaker** to route the audio through the speaker. (You can adjust the speaker volume using the volume keys.) A green line will appear under the Speaker button.
 - Touch **Speaker** again to use the phone's earpiece (see *"Using the Speakerphone During an Active Call"* on page 79). The green line will disappear when Speaker is not activated.
- **Mute/Unmute** turn the onboard microphone either on or off.
 - Touch **Mute** during a call to mute the microphone. A green line will appear under the Mute button.
 - Touch **Mute** again to unmute the microphone. The green line will disappear when Mute is not activated.

- **Headset** connects to a Bluetooth headset.
 - Touch **Headset** during a call to activate a Bluetooth headset. A green line will appear under the Headset button.
 - Touch **Headset** again to de-activate the Bluetooth headset. The green line will disappear when the Headset is not activated.
- Touch  **Menu** for more options:
 - **Contacts**: Go to your Contact list.
 - **Memo**: Write a memo.
 - **Message**: Write a message during a call.

Personalizing the Call Sound Setting

During a call it may be necessary to adjust the sound of the incoming call by selecting an audio equalizer setting for the current call.

1. From the call screen, touch .
2. Select an available option.
3. Confirm the option is enabled .

Activating Noise Reduction

During a call it may be necessary to activate the noise reduction feature. Activating this feature can improve the quality of your conversation by reducing ambient noise. Noise reduction is on by default.

1. Touch  to turn **Noise reduction off**.
2. Touch  to turn **Noise reduction on**.

Multi-Party Calling

Use multi-party call features to set up a call between multiple callers, such as for a conference call.

1. Establish the first call, by answering an incoming call or making a call.
2. Touch  **Add call**.
The first call is placed on hold.
3. Make the second call by touching the phone number digits, then touch  **Call**.
4. To merge the calls into one conference call, touch  **Merge**.
5. Touch  **End call** to end the calls.

Using the Speakerphone During an Active Call

While in an active call, it is possible to enable the speakerphone feature.

1. Touch  **Speaker**.
The **Speaker** button now appears as  and the speakerphone is activated.
2. Use the **Volume** key (located on the left side of your phone) to adjust the volume.
3. To deactivate the speakerphone, touch  **Speaker**.

Switching off the Microphone (Mute)

You can temporarily switch your phone's microphone off, so that the other person cannot hear you.

Example: You want to say something to someone in the room, but do not want the person on the phone to hear what you say.

To mute your phone during a call:

1. Touch  **Mute**.

The **Mute** button now appears as  and Mute is activated.

2. Touch  **Mute** to deactivate the Mute function and reactivate the microphone.

To use a Bluetooth headset:

1. Touch  **Headset**.
2. The phone will scan for your Bluetooth headset. When found, connect to the headset.
The **Headset** button now appears as  and the Bluetooth headset is activated.
3. Touch  **Headset** to deactivate the Bluetooth headset and reactivate the phone speaker.

Searching for a Number in Contacts

1. During the active call, touch  **Menu** then touch **Contacts**.
2. Touch the contact entry.

For further details about the Contacts feature, see “*Finding a Contact*” on page 57.

Call Forwarding

1. Touch  Phone →  Menu → Call settings → Call forwarding.
2. Touch one of the following options:
 - **Activate call forwarding:** Enables the Call forwarding feature.
 - **Deactivate call forwarding:** Disables the Call forwarding feature.

Call Settings

To access the Call settings menu:

- Touch  Phone →  Menu → Call settings.
 - or –
 - From a Home screen, touch  Apps →  Settings → Call.

For detailed information on all of the call settings, see “*Call*” on page 169.

Section 5: Messaging

This section describes how to send and receive different types of messages. It also includes the features and functionality associated with messaging.

Types of Messages

Your phone provides the following message types:

- Text Messages
- Multimedia (Picture, Video, and Audio) Messages
- Email and Gmail Messages
- Google+ Messages
- Hangouts
- Voicemail

The Short Message Service (SMS) lets you send and receive text messages to and from other mobile phones or email addresses. To use this feature, you may need to subscribe to your service provider's message service.

The Multimedia Messaging Service (MMS) lets you send and receive multimedia messages (such as picture, video, and audio messages) to and from other mobile phones or email addresses. To use this feature, you may need to subscribe to your service provider's multimedia message service.

Important! When creating a message, adding an image, a sound file, or a video clip to a text message changes the message from a text message to a multimedia message.

Messaging icons are displayed at the top of the screen and indicate when messages are received and their type. For more information, refer to “*Status Bar*” on page 21.

Note: Messaging service availability depends on your network and service plan. Multimedia Messaging charges apply per your Calling Plan. Monthly plans are available. Higher rates apply for International Multimedia Messaging (when available). Compatible Device required. Consult Verizon Wireless for more information.

Creating and Sending Messages

1. From a Home screen, touch  **Messaging**.
 - or –
- From a Home screen, touch  **Apps** →  **Messaging**.
2. Touch  **Compose**.
3. Touch the **Enter recipient** field to manually enter a recipient or touch  to select a recipient from your Contacts. You can also select the recipient based on Groups, Favorites, or Logs.
4. If adding a recipient from your Contacts, touch the contact to place a check mark then touch **Done**.
The contact is placed in the recipient field.

Note: Enter additional recipients by separating each entry with a semicolon (;) then using the previous procedure.

5. Touch the **Enter message** field and use the onscreen keyboard to enter a message.
6. Add more recipients by touching the recipient field.
7. Review your message and touch **Send**.

Note: If you exit a message before you send it, it will be automatically saved as a draft.

Adding Attachments to a Message

To add an attachment to your message, touch  and select one of the options: Image, Take a picture, and so on.

Message Options

Options Before Composing a Message

1. Touch  **Messaging**.
2. Before composing a message, touch  **Menu** to reveal additional messaging options:
 - **Search:** Search through all of your messages for a certain word or string of words. Enter a search string in the Messaging Search window and touch  **Search**.
 - **Delete threads:** Delete any message thread. Select the messages to delete and a green check mark will appear next to the message. Touch **Delete**.
 - **Draft messages:** Display the draft messages folder and its contents.
 - **Locked messages:** Display the locked messages folder and its contents.
 - **Save messages:** Select messages and save them to the saved messages folder.
 - **Settings:** Access Messaging settings. For more information, refer to "*Messaging Settings*" on page 87.

Options While Composing a Message

- While composing a message, touch  **Menu** to reveal additional messaging options:
 - **Insert smiley:** Add emoticons, such as a happy face to your message.
 - **Add text:** Copy text from your contacts, calendar, or from a memo to add to your message. This is a convenient feature for adding names, phone numbers, events, and so on, to your message.
 - **Add to contacts:** Add the recipient to your Contacts list. This option only appears if the recipient is not already in your Contacts list.
 - **View contact:** See information on the recipient. This option only appears if the recipient is in your Contacts list.
 - **Add slide:** Add a new page to a message.
 - **Add subject:** Add a subject to a message.
 - **Priority level:** sets the messages priority level to Normal or High.
 - **Discard:** Delete the current message.

- **Translate:** Launches S Translator to translate text to or from another language.
- **Font size:** Set the font size for the message.

Viewing New Received Messages

1. When you receive a new message, the new message  icon displays at the top of the screen.

2. Open the Notification Panel and select the message.

For more information, refer to “*Notification Panel*” on page 34.

– or –

Touch  **Messaging** then touch the new message to view it.

The selected message displays.

3. To play a multimedia message, touch .

To pause playback of the multimedia message, touch .

4. To scroll through the message (if additional text pages have been added), touch the screen and in a single motion, scroll up or down the page.

Message Threads

Sent and received text and picture messages are grouped into message threads. Threaded messages allow you to see all the messages exchanged (similar to a chat program) and displays a contact on the screen. Message threads are listed in the order in which they were received, with the latest message displayed at the top.

To access message thread options:

- From the main Messaging screen, touch and hold the message to display the following options:
 - **Delete:** Delete the currently selected message thread.
 - **Save messages:** Save the message to the saved messages folder.
 - **View contact:** Display the Contact's Overview page.
 - **Add to contacts:** Adds a new number to your Contacts list. This option is only displayed if the number is not already in your Contacts list.

To access additional Bubble options:

- Touch and hold the message bubble within an active message conversation to display the following options:
 - **Delete**: Delete any currently selected message bubble from the thread.
 - **Copy**: Copy the currently selected message bubble from the thread.
 - **Forward**: Forward the currently selected message bubble to an external recipient.
 - **Lock/Unlock**: Lock or unlock the currently selected message bubble from being accidentally deleted.
 - **Copy to SIM**: Copy the currently selected message bubble as a single text message within the SIM card.
 - **Save message**: Save the message to the saved messages folder.
 - **View message details**: Display details for the currently selected message bubble.
 - **Translate**: Launches S Translator to translate text to or from another language.

Deleting Messages

To delete a single message thread:

1. Touch  **Messaging**.
2. Touch and hold a message, then touch **Delete**.
3. At the **Delete** prompt, touch **OK** to delete or **Cancel** to cancel.

To delete multiple message threads:

1. Touch  **Messaging**.
2. Touch  **Menu** → **Delete threads**.
3. Touch each message you want to delete or touch **Select all**.

A check mark displays beside each message you select.
4. Touch **Delete**.
5. At the **Delete all** prompt, touch **OK** to delete or **Cancel** to cancel.

Message Search

You can search through your messages by using the Message Search feature.

1. Touch  **Messaging**.
2. Touch  **Menu** → **Search**.
3. Use the onscreen keyboard to enter a word or phrase to search for, then touch  **Search**.
4. All messages that contain the search string you entered are displayed.

Saved Messages Folder

To view messages that you have saved, access the saved messages folder.

1. From a Home screen, touch  **Apps** →  **My Files**.
2. Touch **All files** → **Device storage** → **Messaging**.
3. Touch an entry to view the saved message.

– or –

Touch the check box to the left of messages you would like to delete, share, move, copy, rename, or view details about the file. Also, touch and hold an entry to display those options.

Messaging Settings

To configure the settings for text messages, multimedia messages, Voicemails, and Push messages.

1. Touch  **Messaging** →  **Menu** → **Settings**.
2. Options are described on the screen.
Touch each option to enable it. Checking some options causes other options to become available to set.
Touch  to set some options.
Touch other options, such as Emergency alerts, to display additional instructions for setting the option.
3. Touch  **Menu** → **Restore default settings** to restore all Messaging settings to their original state.

Emergency Alerts

This device is designed to receive wireless emergency alerts from the Commercial Mobile Alerting System (CMAS) which may also be known as the Personal Localized Alerting Network (PLAN). If your wireless provider has chosen to participate in CMAS/PLAN, alerts are available while in the provider's coverage area. If you travel outside your provider's coverage area, wireless emergency alerts may not be available. For more information, please contact your wireless provider.

Emergency Alerts allows customers to receive geographically-targeted messages. Alert messages are provided by the US Department of Homeland Security and will alert customers of imminent threats to their safety within their area. There is no charge for receiving an Emergency Alert message.

There are three types of Emergency Alerts:

- Alerts issued by the President
- Alerts involving imminent threats to safety of life (Extreme and Severe)
- AMBER Alerts (missing child alert)

Using Email

Email enables you to review and create email using various email services. You can also receive text message alerts when you receive an important email.

To access the Email app:

- From the main Home screen, touch  Email.
- or –
- From a Home screen, touch  Apps →  Email.

Creating an Email Account

To create your first email account:

1. Touch  Email.
2. Touch an email account type, such as Corporate.
If you do select Corporate, see "*Creating a Corporate Email Account*" on page 90 for more information.
3. Enter your email address in the email address field.
4. Enter your password in the **Password** field.
If you want to see your password as it is being typed, touch **Show password** to create a check mark.

5. Touch **Next** or touch **Done** on the keyboard.
6. Review and configure the settings.
7. Touch **Next**.
8. Enter a name for this email account (optional) and touch **Next** or touch **Done** on the keyboard.
The Set up email screen displays.
9. Touch another email account type and repeat Steps 3 through 8.
– or –
Touch **Done with accounts**.
The Email inbox displays.

Note: For more information on setting up your email, visit the Smartphone Resource Center at:
smartphones.verizonwireless.com.

Creating Additional Email Accounts

To create additional email accounts after setting up your first account, follow these steps:

1. Touch  **Email**.
Your Email screen displays showing your emails from the active account.
2. Touch  **Menu → Settings**.
3. Touch **Add account**.
4. Enter the information required to set up another account.
Touch **Send email from this account by default**, if you want to enable the option. Touch the check box to create a check mark.
For more information, refer to “*Creating an Email Account*” on page 88.

Creating a Corporate Email Account

Use the following procedure to configure your phone to synchronize with a corporate email account.

1. Touch  **Email**.

2. Touch **Corporate**.

For more information, refer to “*Creating an Email Account*” on page 88.

3. Touch **Manual setup**.

4. Enter all the Exchange server information, Domain, user name and Password, then touch **Next** or touch **Done** on the keyboard.

5. At the **Activation** prompt, touch **OK**.

6. Review and configure the settings.

7. Touch **Next**.

8. Enter an Account name for this account (Optional) and touch **Next** or touch **Done** on the keyboard.

Wait for the Inbox to synchronize before use.

9. Touch  **Menu → Settings** to change the account settings.

Switching Between Email Accounts

1. Touch  **Email**.

Your Email screen displays showing your emails from the active account.

2. Touch the **Inbox** button  at the top of the screen.

Your Email accounts screen displays.

3. Touch the Email account **Inbox** you would like to make active.

– or –

Touch **Combined inbox** to display email messages from all accounts.

The new Email account inbox or Combined inbox displays.

Syncing Email Accounts

Syncing refreshes your phone with the account's servers. When you set up an email account, you can choose whether the account syncs in the background, or manually.

- Touch  **Email** →  **Refresh**.

Gmail

Send and receive emails by using Gmail, Google's web-based email.

- From a Home screen, touch Apps → Gmail.

Setting Up Your Gmail Account

The first time you launch Gmail, your device prompts you to set up your Google account, if you have not already set it up. Once you set up your Google account on your device, Gmail is set up automatically.

1. Touch Gmail.
2. Follow the prompts to sign in or create a new account.
3. The device communicates with the Google server to set up your account and synchronize your email.

You can use more than one Google account on your device.

Tip: Touch Menu → Settings → Accounts → Add account to add another Google account.

Refreshing Your Gmail Account

Syncing refreshes your device with the account's servers. When you set up an email account, you can choose whether the account syncs in the background or manually.

- Touch Gmail → Menu → Refresh.

Gmail Settings

Use settings to configure your Gmail preferences.

1. Touch Gmail.
2. Touch Menu → Settings for options.

Composing and Sending Gmail

1. Touch Gmail.
2. Touch +, then touch fields to compose the message.
While composing, touch Menu for options.
3. Touch SEND to send.

Google+

Google+ makes messaging and sharing with your friends a lot easier. You can set up Circles of friends, visit the Stream to get updates from your Circles, use Hangouts for fast messaging with everyone in your Circles, or use Instant Upload to automatically upload videos and photos to your own private album on Google+.

1. Sign on to your Google account. For more information, refer to “*Creating a New Google Account*” on page 15.
2. From a Home screen, touch Apps → Google+.
3. Select the account you want to use to sign in to Google+.
– or –
Touch **Add account** to create another account.
4. Follow the onscreen instructions to use Google+.
5. Visit www.google.com/mobile/+/ for more information.

Hangouts

Hangouts is a free, web-based application for instant messaging offered by Google. You can connect with your friends across computers and various Android devices. You can have conversations or video calls with up to 10 friends.

Note: The first time you use Hangouts, you will need to download the updated application from the Play Store. When the Play Store page displays, touch **Update**. For more information, refer to “*Play Store*” on page 144.

1. Log on to your Google account, if you have not already done so. For more information, refer to “*Creating a New Google Account*” on page 15.
2. From a Home screen, touch Apps → Hangouts.
3. Touch Menu → Help for more information on using Hangouts.

Voicemail

All unanswered calls to your phone are sent to voicemail, even if your phone is turned off, so you should set up your voicemail and personal greeting as soon as you activate your phone.

Visual Voice Mail is a feature that allows you to review your voicemail on your phone, including the option to listen to your voicemail in any order. There is a monthly charge for Visual Voice Mail, and airtime charges may apply. For more information, contact Verizon Wireless.

Setting Up Voicemail

1. From the Home screen, touch Apps → Voicemail → Call Voicemail.
 - or –
 - From the Home screen, touch Phone, then touch and hold 1 ∞.
2. Follow the automated instructions to set up your password and record a greeting.

Checking Voicemail

1. From the Home screen, touch Apps → Voicemail → Call Voicemail.
 - or –
 - From the Home screen, touch Phone, then touch and hold 1 ∞.
2. Follow the automated instructions to manage voicemail.

Clearing Voicemail Notifications

When you have new voicemail, your phone alerts you by displaying an icon in the Status Bar, and, depending on your settings, by playing sound and vibration. If you want to remove the icon from the Status Bar, use the Clear notifications option.

- From the Home screen, touch Apps → Voicemail → Clear notifications.

Section 6: Multimedia

This section explains how to use the multimedia features of your phone, including Music, Google Play Music, Video, Play Movies & TV, Gallery, Camera, and Camcorder.

Music

Music is an application that can play music files. Music supports files with extensions AAC, AAC+, eAAC+, MP3, WMA, 3GP, MP4, and M4A. Launching Music allows you to navigate through your music library, play songs, and create playlists (music files bigger than 300 KB are displayed).

Playing Music

1. From a Home screen, touch Apps → Music.
2. Touch a library category at the top of the screen (Songs, Playlists, Albums, Artists, or Folders) to view the available music files.
3. Scroll through the list of songs and touch an entry to begin playback.

4. The following Music controls are available:



Streams the current music file to another device via Samsung Link.



Volume control and SoundAlive.



Volume control showing volume muted.



Shuffles the current list of songs randomly.



Songs play in order and are not shuffled.



Assign the current song as a Favorite.



Plays the entire song list once.



Replays the current list when the list ends.



Repeats the currently playing song.



Displays the current song in the player window.



Touch and hold to rewind the song. Touch to go to previous song.



Pause the song.



Start the song after pausing.



Touch and hold to fast-forward the song. Touch to go to next song.



Lists the current playlist songs.

Music Options

To access additional options, follow these steps:

1. Touch Apps → Music.

2. Touch Menu.

The following options are available before you play music:

Note: The following options may or may not appear depending on whether or not music is actually playing. Also, options will be different if the song you are listening to is in a playlist.

- **Add to playlist:** Add the current music file to a selected playlist.
- **Via Bluetooth:** Scan for devices and pair with a Bluetooth headset.
- **Delete:** Delete the music file.
- **Search:** Search your device for a certain song.
- **Scan for nearby devices:** Scan for nearby devices in order to share music.
- **Settings:** Change your Music settings. For more information, refer to “Music Settings” on page 96.
- **End:** End the Music app.

Music Settings

The Music Settings menu allows you to set preferences for the Music app such as whether you want the music to play in the background, sound effects, and how the music menu displays.

1. Touch  Apps →  Music.
2. Touch  Menu → Settings.
3. Select one of the following settings:

- **Music menu:** Select which categories you want to display. Choices are: Albums, Artists, Genres, Music square, Folders, Composers, Years, Most played, Recently played, and Recently added. Touch each item that you want to display in the Music menu.
- **SoundAlive:** Set a type of equalization such as Normal, Pop, Rock, Jazz, Dance, Classic, and so on.
- **Adapt Sound:** Set Adapt sound on when your are listening with earphones to alert of incoming calls and notifications.
- **Play speed:** Set the play speed anywhere between 0.5X and 2.0X using the slider.

- **Music auto off:** When activated, music will automatically turn off after a set interval.
- **Lyrics:** When activated, displays lyrics when available.
- **Smart volume:** Automatically adjusts each track's volume to an equal level.
- **Voice control:** Use voice commands to control the Music app.

Using Playlists

Playlists are used to assign songs to a list of preferred media which can then be grouped into a list for later playback. These Playlists can be created via either the handset's Music options menu or from within a 3rd party music application (such as Windows Media Player) and then downloaded to the handset.

Creating a Playlist

1. Touch  Apps →  Music.
2. Touch the **Playlists** tab.
3. Touch  Menu → Create playlist.
4. Type a name for this playlist in the field and touch **OK**.

Adding Music to a Playlist

To add files to the playlist:

1. Touch Apps → Music.
2. Touch the **Playlists** tab.
3. Touch the playlist name in which to add music.
4. Touch Add music.
5. Touch a music file. Touch **Select all** to add all the music tracks to this playlist.
6. Touch **Done**.

Editing a Playlist

Besides adding and removing music files in a playlist, you can also rename the playlist.

To edit a playlist:

1. Touch Apps → Music.
2. Touch **Playlists**.
3. Touch Menu → **Edit title**.
4. Touch a playlist name to edit.
5. Enter a new name for the playlist then touch **OK**.

For information on downloading music for your phone, see “*Google Play Music*” on page 98.

Removing Music from a Playlist

To remove music files from a playlist:

1. Touch Apps → Music.
2. Touch the **Playlists** tab.
3. Touch the desired playlist name.
4. Touch Menu → **Remove**.
5. Touch the checkbox to the left of each track you want to remove from this playlist. Touch **Select all** to remove all the music tracks from this playlist
6. Touch **Remove**.

Google Play Music

With Google Play Music, you can play music that you have added to your music file as well as any music you copied from your PC. While offline, you can listen to music you have copied from your PC.

1. From a Home screen, touch Apps → Play Music.
2. Follow the onscreen instructions to locate and play music.
3. To configure Play Music settings, touch Menu → Settings.
4. For more information, touch Menu → Help.

Video

The Video application plays video files stored on your phone or microSD card.

1. From a Home screen, touch Apps → Video.

All videos that you have on your phone and memory card display.

2. Touch the video that you want to play.

The video will begin to play.

3. The following video controls are available:



Streams the current music file to another device via Samsung Link.



Volume control.



Volume control showing volume muted.



Full-screen in ratio view. The video is enlarged as much as possible without becoming distorted.



Full-screen view. The entire screen is used, which may cause some minor distortion.



Original size view. The video will be played in its original size.



Stretch to fit. The video is enlarged to fit the screen without becoming distorted.

 Touch and hold to rewind the video. Touch to go to previous video.

 Pause the video.

 Start the video after being paused.

 Touch and hold to fast-forward the video.
Touch to go to next video.

 Play a video as a small pop-up while viewing another screen. Touch and drag the pop-up video to the desired location on the screen. Double-tap the pop-up to return to full screen mode.

Play Movies & TV

With Google Play Movies & TV, you can rent thousands of different movies and television shows. You can watch instantly, or download your movie or show for offline viewing at a later time.

1. From a Home screen, touch  Apps →  Play Movies & TV.
2. Log on to your Google account if you have not already done so.
3. Following the onscreen instructions for renting and viewing movies and TV shows.
4. To configure Play Movies & TV settings, touch  Menu → Settings.
5. For more information, touch  Menu → Help.

Note: The screen view icons are a four-way toggle. The icon that is displayed, is the mode that will display after the icon is touched.

Gallery

The Gallery can be used to view photos and play back videos. For photos, you can also perform basic editing tasks, view a slideshow, set photos as wallpaper or contact image, and share as a photo message.

To access the Gallery:

1. From a Home screen, touch Apps → Gallery.

All of the Albums that hold your photos and videos display with folder name and number of files.

2. Touch an Album.

Thumbnails of the contents display.

Note: If your device displays that the memory is full when you access Gallery, delete some of the files by using **My Files** or another file management application and try again. For more information, refer to “*My Files*” on page 141.

Viewing Photos

To view photos:

1. Touch a thumbnail to view a single photo.
-

Note: If no control icons are displayed on the screen in addition to the photo, touch anywhere on the screen to display them.

The following options are available at the top of the screen:



Change player: Select a DLNA-enabled device.



Share via: Share the photo by using Group Play, Kindle, Bluetooth, Email, and so on.



Delete: Delete the photo.



Camera: Activate the camera.

2. Touch Menu for additional options.

Viewing Videos

Note: If no control icons are displayed on the screen in addition to the photo, touch anywhere on the screen to display them.

1. Touch a video to select it.
2. Touch  to play the video.
3. Touch  Menu for additional options.
For video player controls, see “Video” on page 98.

Using S Beam to Share Photos

When this feature is activated with NFC, you can beam large files directly to another compatible device that is in direct contact. For example, these large files can be Videos or HD photos. You can beam images and videos from your gallery, music files from your Music, and more.

1. From a Home screen, touch  Apps →  Settings → More settings.
2. If not already active, touch the **ON/OFF** button to turn NFC ON .

3. Touch **S Beam** and make sure the feature is turned on. If not already active, touch the **ON/OFF** button to turn S Beam ON .
4. On the source device, which contains the desired image or video, touch  Apps →  Gallery.
5. Locate and touch the selected image to open it in the preview window.

Important! Neither device must be in Lock mode or displaying the Lock screen. They must both be active and unlocked. It is recommended that the target device be on the Home screen.

6. Place the two active NFC-enabled devices back to back to begin.
Note: If the **Touch to beam** screen does not display on the source device:
 - Pull them apart.
 - Verify the image is visible in the preview window on the source device (providing the file).
 - Place them together again.

7. From the **Touch to beam** screen, touch the reduced image preview to begin the transfer.
8. When prompted, separate the two devices.
After a few seconds (depending on file size), the transferred file will display on the recipient's screen.

Sharing Multiple Photos with S Beam

To share multiple photos with S Beam:

1. On the source device (containing the desired image or video), touch Apps → Gallery.
2. Locate the selected folder.
3. Touch and hold the first image and place a check mark on it and all desired images.
4. Place the two active NFC-enabled devices back to back to begin.
5. From the **Touch to beam** screen, touch the reduced image preview to begin the transfer.
6. When prompted, separate the two devices.
7. The photos are transferred to the other device.

Camera

This section explains features related to the use of the camera and camcorder on your phone. You can take photographs and record video by using the built-in camera functionality. Your 8 megapixel camera produces photos in JPEG format.

-
- Important!** Do not take photos of people without their permission.
Do not take photos in places where cameras are not allowed.
Do not take photos in places where you may interfere with another person's privacy.
-

Using the Camera

Taking Photos

Taking photos with your device's built-in camera is as simple as choosing a subject, pointing the camera, then touching the Camera key.

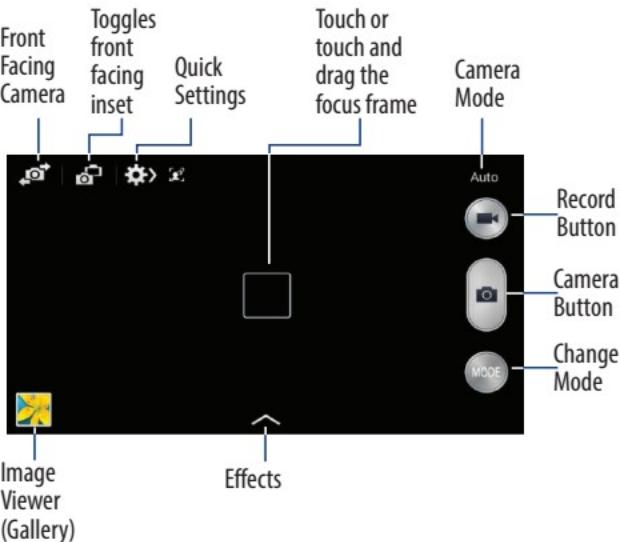
-
- Note:** When taking a photo in direct sunlight or in bright conditions, shadows may appear on the photo.
-

1. From a Home screen, touch Apps → Camera to activate the camera mode.
2. Using the phone's main display screen as a viewfinder, adjust the image by aiming the camera at the subject.
3. Before you take a photo, use the **Up** and **Down** Volume keys to zoom in or out. You can magnify the photo up to four times (400 percent).

– or –

Use two fingers to make an inward pinch motion on the screen to zoom out or an outward motion by sweeping your fingers out to zoom in.

4. If desired, before taking the photo, you can touch on-screen icons to access various camera options and settings.
5. You can also touch the screen to move the focus to the area you touch.
6. Touch the Camera button until the shutter sounds. The photo is automatically stored within your designated storage location. If no microSD is installed, all photos are stored on the Phone.



7. While viewing a photo, after you have taken it, pinch the screen outwards to zoom in or pinch the screen inwards to zoom out.
You can magnify the photo up to four times.
8. Touch Back to return to the viewfinder.

Camera Modes

There are many different camera modes that you can use to help optimize your photos depending on the conditions and your experience.

1. From the camera viewfinder, touch the Mode button  to change the mode to one of the following: Auto, Night, Sports, Panorama, Eraser, Rich tone (HDR), Animated photo, Drama. Sound & shot, Best face, Best photo, or Beauty face.
2. Touch and swipe through the list to view a definition of each mode.
3. Touch  Back to return to the viewfinder.

Quick Settings

Touch  at the top of the display to quickly change Camera settings. Not all of the following options are available in both still camera and video camera modes. The available options vary by mode.

-  Configure Camera settings.
-  Activate or deactivate the flash.
-  Displays the auto night detection setting. On or Off.
-  Activate or deactivate the voice control to take photos.
-  Select a resolution for videos.
-  Activate or deactivate the sharing options.
-  Hide Quick settings.

Camera and Camcorder Settings

This section describes the different settings that you can configure on your camera. Not all of the following options are available in both still camera and video camera modes. The available options vary by mode.

1. From the viewfinder, touch  **Quick Settings** →  **Camera Settings**.
2. The follow settings are located under the Camera, Camcorder, Share, and General tabs. The settings that are displayed will depend on what camera mode you are in.

Camera

- **Photo size:** Select a resolution for photos. Use higher resolution for higher quality. Higher resolution photos take up more memory.
- **Burst shot:** Take eight photographs in quick succession, and you can select and save the best.
- **Face detection:** Adjust the camera focus based on face detection technology.

- **Metering modes:** Set how the camera measures or meters the light source: Center-weighted, Matrix, or Spot.
- **ISO:** Determine how sensitive the light meter is on your digital camera. Choose from Auto, 100, 200, or 400. Use a lower ISO number to make your camera less sensitive to light, a higher ISO number to take photos with less light, or Auto to let the camera automatically adjust the ISO for each of your shots.
- **Anti-Shake:** Compensates for camera movement.
- **Auto night detection:** Automatically detects very low light conditions to take a good photo at night.
- **Save as:** Assign rich tone usage to an image.

Camcorder

- **Video size:** Select a resolution for videos. Use higher resolution for higher quality. Higher resolution videos take up more memory.
- **Video stabilization:** Turn the video stabilization feature On or Off.

Settings

- **Location tag:** Attach a GPS location tag to the photo. To improve GPS signals, avoid shooting in locations where the signal may be obstructed, such as between buildings or in low-lying areas, or in poor weather conditions. Your location may appear on your photos when you upload them to the Internet. To avoid this, deactivate the GPS tag setting.
- **Review pic/videos:** Set this option if you want to view each photo after you take it. Select a time value.
- **Volume key:** Assign a function to the volume key. Choose from The zoom key, The camera key, or The record key.
- **Timer:** Use this for delayed-time shots. You can set the timer to Off, 2 sec, 5 sec, or 10 sec.
- **White balance:** Select an appropriate white balance, so images have a true-to-life color range. The settings are designed for specific lighting situations. These settings are similar to the heat range for white-balance exposure in professional cameras.

- **Exposure value:** Adjust the brightness level by moving the slider.
- **Guidelines:** Display viewfinder guides to help composition when selecting subjects.
- **Flash:** Activate or deactivate the flash.
- **Voice control:** Activate/deactivate the voice control feature, which allows you to verbally take a photo.
- **Contextual filename:** Add your location as part of the filename. You must first activate GPS tag described above.
- **Save as flipped:** When set to On, you can take and save a mirror-image photo.
- **Storage:** Select the memory location for storage.
- **Reset:** Reset the camera settings.

Viewing your Photos

After you take a photo, you can access various options from the Image Viewer. The Image Viewer uses your Gallery. For more information, refer to “*Gallery*” on page 100.

Editing a Photo

You can edit your photos using the built-in Photo editor application on your device. The photo editor application provides basic editing functions for photos that you take on your phone. Along with basic image tuning like brightness, contrast, and color it also provides a wide variety of effects used for editing the photo.

1. From a Home screen, touch  Apps →  Gallery.
2. Select a folder location and touch a file to open it.
3. With the image displayed, touch  Menu → Edit to launch the Photo editor.

4. Select an image area by touching and holding the image and then selecting an available option:
 - **Selection mode:** Provides several onscreen selection options such as: Select area, Inverse selection, Selection size, and Selection mode (Magnetic, Lasso, Brush, Round, and Square).
 - **Select all:** Select the entire area of the current image.
 - **Clipboard:** Copy the currently selected area to your device’s clipboard.

5. Use the following editor controls to edit your photo:



Undo: Undo the last operation made on a photo.



Redo: Redo the last operation made to a photo after performing an Undo.



Rotate: Rotate a photo in all four directions. You can also mirror image a photo.



Crop: Crop (cut-out) an area of a photo.



Color: Auto adjust color, Brightness, Contrast, Saturation, Adjust RGB, Temperature, Exposure, and Hue of a photo.



Effect: Add various effects to your photo.



Portrait: Apply various face correction effects such as: Red-eye fix, Airbrush face, Face brightness, Out-of-focus, Beauty face, Face reshaping, or Spot healing.



Sticker: Place various pre-created onscreen stickers atop your current image.



Drawing: Draw directly on your current photo by using either a brush/pen or eraser.



Frame: Places a pre-created border style on top of your current image.

6. Touch  **Menu** to access the following options:

- **Save as:** Rename your current image and save it to your gallery.
- **Select image:** Select a new image for editing.
- **Take picture:** Activate the camera and take a new photo for editing.
- **Share via:** Share your saved photo by using Kindle, Bluetooth, Email, and so on.
- **Set as:** Assign the currently saved image as either a Contact photo, Home and lock screens, Home screen, or Lock screen.

Using the Camcorder

In addition to taking photos, the camera also doubles as a camcorder that also allows you to record, view, and send videos.

Note: The camera may not be able to properly record videos to a memory card with a slow transfer speed.

Recording Video

Tip: When recording video in direct sunlight or in bright conditions, it is recommended that you provide your subject with sufficient light by having the light source behind you.

1. From the main Home screen, touch  Camera to activate the camera mode.
2. Using the camera's main display screen as a viewfinder, adjust the image by aiming the camcorder at the subject.

3. Before you take a video, use the Volume control buttons to zoom in or out. You can magnify the video up to four times (400 percent).
4. To begin shooting video, touch  Video. The red light blinks while recording.
5. You can touch the screen to move the focus to the area you touch.
6. To capture an image from the video while recording, touch  . This feature is not available while the anti-shake feature is activated.
7. To pause the recording, touch  Pause.
8. To continue recording, touch  Record.
9. To stop the recording and save the video file to your Camera folder, touch  Stop.
10. Once the file has been saved, touch the image viewer, then touch  Play to play your video.
11. Touch  Back to return to the viewer.

Viewing Your Videos

After you take a video, you can access various options from the Image Viewer. The Image Viewer uses your Gallery and the Video player. For more information, refer to “*Gallery*” on page 100. Also, See “*Video*” on page 98.

Section 7: Connections

This section describes the various connections your phone can make including accessing the Internet with your Browser, Wi-Fi, Bluetooth, and Connecting your PC.

Internet

The Internet app is your access to the mobile web. This section explains how to navigate the Internet app and introduces you to the basic features.

To access the Internet app:

- From a Home screen, touch  **Internet**.
 - or –
 - From a Home screen, touch  **Apps** →  **Internet**.
- The Google search screen displays.

Navigating with the Internet App

1. To select an item, touch an entry.
2. To scroll through a website, sweep the screen with your finger in an up or down motion.

3. Sweep the screen left to right to move laterally across a web page.
4. To return to a previous page, touch .
5. To move forward to a web page, touch .

Zooming In and Out of the Browser

There are several ways to Zoom in and out on your browser. After touching on a link or article, use one of these methods:

- **Tilting:** Touch and hold the screen at two points then tilt the device back and forth to reduce or enlarge the screen. You must first enable motion in the Settings section. For more information, refer to “*Motions and Gestures*” on page 184.
- **Double tap:** Quickly tap the screen twice on the web page to zoom in or out.
- **Pinching:** Sweep in opposite directions at the same time to zoom in or out (use a pinching-in or pinching-out motion).

Internet Options

- From any web page, touch  Menu to access your browser options.

Enter a URL

You can access a website quickly by entering the URL. Websites are optimized for viewing on your phone.

To enter a URL and go to a particular website, follow these steps:

1. Touch the **URL** field at the top of your screen.
2. Enter the URL using the onscreen keyboard.

The website displays.

Search the Internet

To perform an internet search using keywords, follow these steps:

1. Touch the Search bar at the top of the browser.
2. Enter a search word or phrase using the onscreen keyboard and touch Go.
3. Touch a link to view the website.

Adding and Deleting Windows

You can have up to eight Internet windows open at one time. To add a new window, follow these steps:

1. From your browser, touch  Menu → New window.

A new browser window is opened.

2. Touch  Windows to see thumbnails of all open windows.
3. Touch a window listing to open up that Internet window.
4. Touch  at the top right corner of the web page thumbnail to delete the window.

Going Incognito

Use the Incognito feature to view Internet sites outside of normal browsing. Pages viewed in this incognito window do not appear within your browser history or search history, and no traces (such as cookies) are left on your device.

Note: Any downloaded files will be preserved and will stay on your device after you exit the incognito mode.

To add a new incognito window:

1. From your browser window, touch  Windows →  Incognito page.
2. A new browser window displays.

Note: The incognito icon appears in the upper-left of the new browser window while you are in this mode.

To exit from the incognito window:

1. From your browser window, touch  Windows.
2. Scroll across the available windows and locate the incognito window. The Incognito icon  appears on the bottom of the new browser window while you are in this mode.
3. Touch  next to the incognito listing to delete this window.

Using Bookmarks

While navigating a website, you can bookmark a site to quickly and easily access it at a future time. The URLs (website addresses) of the bookmarked sites are displayed in the Bookmarks page. From the Bookmarks page you can also view your Most visited websites and view your History.

1. From the Home webpage, touch  (Bookmarks).
2. The Bookmarks page displays.
2. Touch  Menu to display the Bookmark options.

Wi-Fi

About Wi-Fi

Wi-Fi (short for “wireless fidelity” is a term used for certain types of Wireless Local Area Networks (WLAN). These device types use an 802.11 wireless specification to transmit and receive wireless data. Wi-Fi communication requires access to an existing and accessible Wireless Access Point (WAP). These WAPs can either be Open (unsecured) as within most Hot Spots, or Secured (requiring knowledge of the Router name and password).

Turning Wi-Fi On

By default, your device’s Wi-Fi feature is turned off. Turning Wi-Fi on makes your device able to discover and connect to compatible in-range WAPs.

1. From a Home screen, touch Apps → Settings → Connections → Wi-Fi.
2. Touch the **ON/OFF** button to turn Wi-Fi ON .

Connect to a Wi-Fi Network

1. From a Home screen, touch Apps → Settings → Connections → Wi-Fi.

The network names and security settings (Open network or Secured with WEP) of detected Wi-Fi networks are displayed in the Wi-Fi networks section.

2. Touch the network you want to connect to.

Note: When you select an open network, you will be automatically connected to the network.

3. Enter a wireless password if necessary.

Manually Add a New Network Connection

1. From a Home screen, touch Apps → Settings → Connections → Wi-Fi.
2. Touch **Add Wi-Fi network**.
3. Enter the **Network SSID**. This is the name of your Wireless Access Point.
4. Touch the **Security** field and select a security option. This must match the current security setting on your target WAP.
5. If secured, you will also need to enter your WAP's password.
6. Touch **Show advanced options**, if you need to add advanced options such as Proxy settings, IP settings, or Key management.
7. Touch **Connect** to store the new information and connect to your target WAP.

Note: The next time your device connects to a previously accessed or secured wireless network, you are not prompted to enter the WAP key again, unless you reset your device back to its factory default settings.

Turning Wi-Fi Off

1. From a Home screen, touch Apps → Settings → Connections → Wi-Fi.
2. Touch the **ON/OFF** button to turn Wi-Fi OFF .

Note: Use of wireless data connections such as Wi-Fi and Bluetooth can cause an added drain to your battery and reduce your use times.

Manually Scan for a Wi-Fi Network

1. From a Home screen, touch Apps → Settings → Connections → Wi-Fi.
2. Touch **Scan**.

All available Wi-Fi networks are displayed.

Wi-Fi Status Indicators

The following icons show your Wi-Fi connection status at a glance:

-  Displays when Wi-Fi is connected, active, and communicating with a Wireless Access Point (WAP).
-  Displays when there is a Wi-Fi access point available but you are not connected to it. May also display if there is a communication issue with the target Wireless Access Point (WAP).
-  Displays when connected to another device using Wi-Fi Direct. For more information, refer to “*Wi-Fi Direct*” on page 116.

Wi-Fi Advanced Settings

The Advanced Wi-Fi menu can be used to set up many of your device’s advanced Wi-Fi services.

1. From a Home screen, touch  **Apps** →  **Settings** →  **Connections** → **Wi-Fi**.
2. Touch  **Menu** → **Advanced**.

For more information, refer to “*Advanced Wi-Fi Settings*” on page 156.

Wi-Fi Direct

Wi-Fi Direct allows device-to-device connections so you can transfer large amounts of data over a Wi-Fi connection.

Note: See your service plan for applicable charges for Wi-Fi Direct.

1. From a Home screen, touch  **Apps** →  **Settings** → **Wi-Fi**.
2. Touch the **ON/OFF** button to turn Wi-Fi ON .
3. At the bottom of the Wi-Fi screen, touch **Wi-Fi Direct**.

4. Repeat **Steps 1 - 3** on the other device with which you want to connect.
The steps on the other device may vary depending on the device. Refer to the documentation for that device.
5. On your phone, touch **Scan**.
The device scans for other Wi-Fi Direct devices.
6. Once the device you want to connect to displays, touch it.
7. The other device has 2 minutes to touch **Accept** for the connection to be made.
8. Once connected, the other device will show as **Connected** in your list of Wi-Fi Direct devices and the  icon will display at the top of your screen.

Sharing Information with Connected Device

To share Videos, Photos, or other information with the connected device, follow these steps:

1. View the information that you want to share. For example, if you want to share a photo, find the photo in your camera viewer or **My Files** folder, then touch the **Share**, **Share via**, or **Send via** option.
2. Touch the **Wi-Fi Direct** option.
3. Touch the connected device name. For example, **Android_55ca**.
4. Touch **Done**.
The file is transferred and the other device will receive a screen notification that a Wi-Fi file has been received. The file can be found in **My Files** → **All files** → **Device storage** in the **ShareViaWiFi** folder.

Note: Depending on the other device model, the prompts and shared folder information may differ.

NFC

NFC (Near Field Communication) allows data exchange when you touch your device with another compatible device. This is used for applications such as S Beam. For information on NFC and NFC related features, see “NFC” on page 161.

Android Beam

When enabled, beam application content to another NFC-capable device by holding the devices close together. You can beam browser pages, YouTube videos, contacts, and more. For more information, refer to “*Android Beam*” on page 162.

S Beam

When S Beam is activated, you can beam files to another NFC-capable device by holding the devices close together. You can beam images and videos from your Gallery, music files from your Music app, and more. For more information, refer to “*S Beam*” on page 162.

Bluetooth

About Bluetooth

Bluetooth is a short-range communications technology that is used to connect wirelessly to a number of Bluetooth devices, such as headsets and hands-free car kits, and Bluetooth-enabled handhelds, computers, printers, and wireless devices. The Bluetooth communication range is usually up to approximately 30 feet.

Turning Bluetooth On and Off

To turn Bluetooth on:

1. From a Home screen, touch  Apps →  Settings →  Connections → Bluetooth.
 2. Touch the **ON/OFF** button to turn Bluetooth ON .
- The Bluetooth icon  displays at the top of your screen when Bluetooth is enabled.

To turn Bluetooth off:

1. From a Home screen, touch  Apps →  Settings →  Connections → Bluetooth.
2. Touch the **ON/OFF** button to turn Bluetooth OFF .

Bluetooth Status Indicators

The following icons show your Bluetooth connection status at a glance:

-  Displays when Bluetooth is active.
-  Displays when Bluetooth is connected (paired) and communicating.

Bluetooth Profiles

Bluetooth profiles are specifications for services supported by individual devices. Profiles improve the ability of different devices to work together. Your phone supports these Bluetooth profiles:

- **Headset:** HSP v1.2 profile supports use of compatible Bluetooth headsets for mono voice.
- **Handsfree:** HFP v1.5 profile supports Bluetooth headsets, and may also support other compatible Bluetooth devices with speakerphone capabilities.
- **Stereo:** A2DP v1.2, AVRCP v1.0, GAVDP 1.2, AVCTP 1.3 and AVDTP 1.2 profiles support delivery of stereo audio to compatible Bluetooth devices.

- **Object Exchange:** OPP v1.0 profile allows sending and receiving of contact name cards (vCard 2.1) and calendar events (vCalendar) between devices. PBAP v1.2 supports exchange of Phone Book Objects.
- **Human Interface Devices:** HID v1.0 profile supports certain interface devices.
- **Personal Area Networking:** PAN 1.0 supports exchange of data with other devices.
- **Message Access Profile:** MAP 1.0 allows exchange of text messages between devices, such as with an automotive hands-free device.
- **Health Device Profile:** HDP allows communication with medical devices.

Note: This device does not support all Bluetooth profiles. For vehicle/accessory compatibility, visit
www.verizonwireless.com/bluetoothchart.

Bluetooth Settings

The Bluetooth settings menu is used to set up many of the characteristics of your device's Bluetooth service, including:

- Entering or changing the name your device uses for Bluetooth communication and description
- Setting your device's visibility (or "discoverability") for other Bluetooth devices

Bluetooth Settings Menu

To access the Bluetooth Settings menu:

1. From a Home screen, touch Apps → Settings → Connections → Bluetooth.
2. Touch the **ON/OFF** button to turn Bluetooth ON .
3. Touch the checkbox next to **SCH-I545**, if you want your phone to be visible to other Bluetooth devices.

Change Bluetooth Name

To change your Bluetooth name:

1. From a Home screen, touch Apps → Settings → More → About phone → Device name.
2. Use the keyboard to modify your device name and touch **OK**.

Make Your Device Visible

To make your device visible:

1. From the Bluetooth settings screen, touch Menu → **Visibility timeout**.
 - Making your device visible allows it to be detected by other devices for pairing and communication.
2. Select a time that you would like your device visibility to time-out.

Show Received Files

To show received files:

- From the Bluetooth settings screen, touch  **Menu** → **Received files**.
A list of all files received from Bluetooth displays.

Scan for Bluetooth Devices

To scan for Bluetooth devices:

1. Verify that Bluetooth is ON .
2. From the Bluetooth settings screen, touch **Scan** to search for visible external Bluetooth-compatible devices such as headsets, devices, printers, and computers.

Pairing Bluetooth Devices

Use the Bluetooth pairing process to establish a trusted connection between your device and another Bluetooth device. When you pair devices, they share a passkey, allowing for fast, secure connections while bypassing the discovery and authentication process.

To pair your device with another Bluetooth device:

1. Verify your Bluetooth is active.
2. Touch **Scan**. Your device will display a list of discovered in-range Bluetooth devices.
3. Touch a device from the list to initiate pairing.
4. Enter the passkey or PIN code, if needed, and touch **OK**.

- The external device will then have to also accept the connection and enter your device's PIN code.

Once successfully paired to an external device,  appears within the Status area.

Note: Due to different specifications and features of other Bluetooth-compatible devices, display and operations may be different, and functions such as transfer or exchange may not be possible with all Bluetooth compatible devices.

Note: Pairing between two Bluetooth devices is a one-time process. Once a pairing has been created, the devices will continue to recognize their partnership and exchange information without having to re-enter a passcode again.

Disconnecting a Paired Device

Disconnecting a paired device breaks the connection between the device and your phone, but retains the knowledge of the pairing. At a later point when you want to reconnect the device, there is no need to setup the connection information again.

- Verify your Bluetooth is active.
- From the Bluetooth settings screen, touch the previously paired device (from the bottom of the page).
- Touch **OK** to confirm disconnection.

Note: Disconnections are manually done but often occur automatically if the paired device goes out of range of your phone or it is powered off.

Deleting a Paired Device (Unpair)

Deleting a device from your list removes its “connection record” and upon reconnection would require that you re-enter all the previous pairing information.

1. Verify your Bluetooth is active.
2. From the Bluetooth settings screen, touch  next to the previously paired device. This opens the connected device's menu options.
3. Touch **Rename** to change the name of the paired device.
4. Touch **Unpair** to delete the paired device.

Sending Contacts with Bluetooth

Depending on your paired devices' settings and capabilities, you may be able to send photos, Contact information, or other items using a Bluetooth connection.

Note: Prior to using this feature, Bluetooth must first be enabled, and the recipient's device must be visible.

1. Verify your Bluetooth is active.
2. From a Home screen, touch  Apps →  Contacts.
3. Touch  Menu → Share namecard via.
4. Touch each contact that you would like to send via Bluetooth. A green check mark will appear next to each entry you select.
5. Touch **Done**.
6. Touch **Bluetooth**.
7. Select the paired device to send the contacts to.
8. A Bluetooth share notification will appear in your notifications list.

Mobile Hotspot

Use Mobile Hotspot to share your phone's internet connection with up to 10 Wi-Fi-enabled devices using 4G, or 5 devices using a 3G connection.

You can control whether devices connect to your Mobile Hotspot with the Allowed device list.

For more information about using your phone as a mobile hotspot, see “*Mobile Hotspot*” on page 160. You can also access Mobile Hotspot with the  **Mobile Hotspot** app.

Note: Mobile Hotspot requires a subscription to Mobile Hotspot/Mobile Broadband Connect service. For more information, contact Verizon Wireless.

Using your phone as a mobile hotspot consumes battery power and uses data service. While Mobile Hotspot is active, your phone's applications will use the Mobile Hotspot data service. Roaming while using your phone as a mobile hotspot will incur extra data charges.

Turning Mobile Hotspot On or Off

Activate your phone's Mobile Hotspot application to allow other devices to use your phone's internet connection.

1. From a Home screen, touch  **Apps** →  **Settings** →  **Connections**.
2. Touch **More networks** → **Mobile Hotspot**.
3. Touch the **ON/OFF** button to turn Mobile Hotspot **ON**  or **OFF** .

Note: Using your phone as a mobile hotspot consumes battery power and uses data service. While Mobile Hotspot is active, your phone's applications will use the Mobile Hotspot data service. Roaming while using your phone as a mobile hotspot will incur extra data charges.

Tip: By default, your device's mobile hotspot has no security applied, and any device can connect. For more information about configuring your mobile hotspot, see “*Configuring Mobile Hotspot Settings*” on page 125.

Configuring Mobile Hotspot Settings

To configure your phone's Mobile Hotspot settings, including your device's name and password, and set the visibility of your device's Wi-Fi hotspot:

1. From a Home screen, touch  Apps →  Settings →  Connections → More networks → Mobile Hotspot.
2. Touch **Configure** for these options:
 - **Network SSID**: View and change the name of your mobile hotspot.
 - **Hide my device**: When enabled, your mobile hotspot is not visible to other Wi-Fi devices during a scan. Other devices can still connect to your mobile hotspot, but will have to set up the connection manually with your Network SSID and Password.
 - **Security**: Choose the security level for your Mobile Hotspot.
 - **Password**: If you choose a security level that uses a password, enter the password. By default, the password is your mobile telephone number.

- **Show password**: Enable to make the Password field visible.
- **Show advanced options**: Enable to access advanced options, including Broadcast channel, to specify the channel your device uses for Mobile Hotspot.

Connecting a Device with Mobile Hotspot

Use the other device's Wi-Fi control to connect to your device's Mobile Hotspot.

1. Turn on Mobile Hotspot on your device.
2. Activate Wi-Fi on the device, using the device's Wi-Fi control.
3. Scan for Wi-Fi hotspots, and select your device from the list. To find your device's name, see "*Configuring Mobile Hotspot Settings*" on page 125.
4. At the prompt, enter your phone's Mobile Hotspot password. By default, the password is your phone's telephone number. For more information, refer to "*Configuring Mobile Hotspot Settings*" on page 125.

Allowed Device List

Control whether devices connect to your Mobile Hotspot with the Allowed device list. After you add devices to the list, they can scan for your device and connect using your device's mobile hotspot name and password.

Note: Using your phone as a mobile hotspot consumes battery power and uses data service. While Mobile Hotspot is active, your phone's applications will use the Mobile Hotspot data service. Roaming while using your phone as a mobile hotspot will incur extra data charges.

1. From a Home screen, touch Apps → Settings → Connections.
2. Touch More networks → Mobile Hotspot.
3. Touch Allowed devices.
4. Touch Allowed devices, then touch Add device to enter the other device's Device name and MAC address.
5. Touch OK to add the device to the Allowed devices list.

Tip: For information about connecting to your Mobile Hotspot, see "Connecting a Device with Mobile Hotspot" on page 125.

Tethering

Use Tethering to share your phone's internet connection with a computer that connects to your device with a USB cable or by Bluetooth.

1. From a Home screen, touch Apps → Settings → Connections → Tethering.
2. Choose a tethering method:
 - **Mobile Broadband Connect:** Connect the computer to the phone with a USB cable, then touch **Mobile Broadband Connect** to turn tethering On or Off.
 - **Bluetooth tethering:** Use Bluetooth to pair your phone with the computer. Consult the computer's documentation for more information about configuring your computer to pair with Bluetooth. Touch **Bluetooth tethering** to turn tethering On or Off.

Note: Using Mobile Broadband Connect tethering requires a subscription to Mobile Hotspot/Mobile Broadband Connect service. For information, contact Verizon Wireless.

- **Help:** Find more information about Mobile Broadband Connect and Bluetooth tethering.

Important! Tethering consumes battery power and increases your data usage. Roaming while using tethering will incur extra data charges.

Connecting to a Computer

Connect your phone to a computer to transfer data between your phone and the computer. Use the USB cable that comes with your phone or use one of the pre-loaded apps on your phone to connect wirelessly.

Transferring Data

Connect your phone to a computer with a USB cable to transfer data as a Media device using MTP (Media Transfer Protocol) or as a Camera using PTP (Photo Transfer Protocol).

1. Attach your phone to the computer with a USB data cable. Your phone recognizes the connection as the last connection method you used, and displays a connection alert in the Status Bar and the Notification Panel.
2. From the Home screen, sweep your finger downward to display the Notification Panel and touch the alert.

3. Select a connection method:
 - **Media device (MTP)**: Transfer media files with Windows, or using Android file transfer on a Mac (see www.android.com/filetransfer).
 - **Camera (PTP)**: Transfer photos using camera software, and transfer files to computers that do not support MTP.
4. On your computer, choose a method for accessing your device. Available options depend on the programs installed on your computer.
5. Transfer files to the memory card. When finished, you can disconnect the USB cable.

Section 8: Applications

This section contains a description of each application that is available on the Apps screen, its function, and how to navigate through that particular application. If the application is described in another section of this user manual, then a cross reference to that description is provided.

Managing Applications

The Apps screen displays all applications installed on your phone, including apps you download and install.

From Apps, you can change the way apps appear on the screen, uninstall apps you have downloaded, and share apps with friends. When you install new apps, new screens are added to hold them.

Tip: To open applications quickly, add the icons of frequently-used applications to one of the Home screens, if it is not there by default. For details, see “*Customizing Your Home Screen*” on page 29.

Downloading and Installing Apps

Find new apps to download and install on your device:

-  **Amazon Appstore:** For more information, see “*Appstore (Amazon)*” on page 132.
-  **Play Store:** For more information, see “*Play Store*” on page 144.
-  **Samsung Hub:** For more information, refer to “*Samsung Hub*” on page 147.

Updating Applications

Once you have registered your device (see “*Software Update*” on page 201) and signed into your Google account (see “*Setting Up Your Gmail Account*” on page 91), you may see the  **Updates Available** notification in the Status Bar if there is a new version of one or more apps available or, when you open an application that is preloaded on your device, an **Update Available** message may be displayed.

To update the applications:

1. Touch the top of the screen and swipe downward.

The Notification Panel displays.

2. Touch **Updates available**.

Uninstalling Apps

You can uninstall apps you download and install. Pre-loaded apps cannot be uninstalled.

1. From a Home screen, touch Apps.
2. Touch Menu → Uninstall.
3. Apps that can be uninstalled show on their icon. Touch , and then follow the prompts to uninstall the app. Pre-loaded apps cannot be uninstalled.

Customizing the Apps Screens

Choosing a View

By default, app icons appear in Grid view. You can change the view to list view.

1. From a Home screen, touch Apps.
2. Touch Menu, and then touch **View type**.
3. Choose an option:
 - **Customizable Grid**: The default view, which allows you to touch and hold on apps to move them from screen to screen.
 - **Alphabetical grid**: Icons are arranged in a grid, in A-Z order.
 - **Alphabetical list**: Icons display in a list, sorted from A-Z.

Apps Screen Options

1. From a Home screen, touch  Apps.
2. Touch  Menu for these options:
 - **Edit:** Touch and hold an app icon then drag it to the Create folder icon to create a new folder. Drag it to the Create page icon to create a new apps screen and place the icon on it. Or drag it to App info to view information about this app.
 - **Create folder:** Create a new folder to hold the app icon.
 - **Uninstall/disable:** Remove or disable an app that you downloaded to your phone. Preloaded apps cannot be uninstalled.
 - **View type:** Configure the apps screen.
 - **Show disabled apps:** Control whether app icons are visible in Apps. Hiding an icon does not remove the app from your phone.

Accessing Applications

To access applications:

1. From a Home screen, touch  Apps.
2. Locate the application's icon and touch it to launch the application.
3. To return to the main Home screen, press  Home.

Note: This manual only addresses applications that have been loaded on your device as of the date of purchase. Information concerning third party applications that you may choose to download from the Google Play Store or otherwise should be obtained from the application provider directly and not from Samsung.

Amazon

Shop with Amazon.

- Touch  **Amazon**.

Amazon Kindle

Use the Amazon Kindle application to download books for reading, right on your phone.

Note: You must be registered with Amazon to use the Kindle application. At the prompt, enter your Amazon account credentials.

- Touch  **Amazon Kindle**.

Amazon MP3

Shop for music with Amazon.

- From the Home screen, touch  **Amazon MP3**.

Appstore (Amazon)

Browse and download applications, games and more from the Amazon application store.

- Touch  **Appstore**.

Note: Airtime or download charges may apply when using Appstore.

Audible

Download audio books to enjoy on your phone.

- Touch  **Audible**.

Calculator

Use your phone's Calculator to perform mathematical calculations.

- Touch  **Calculator**.

Calendar

Your device includes a powerful Calendar feature. You can consult the calendar by day, week, or month, create events, and set an alarm to act as a reminder, if necessary.

To access the Calendar:

1. Touch  **Calendar**.
2. The following tabs are available on the right side of the display:
 - **Year**: Display the Year view.
 - **Month**: Display the Month view.
 - **Week**: Display the Week view.
 - **Day**: Display the Day view.
 - **List**: Display the List view.
 - **Task**: Search for tasks.
3. Touch  **New** to create a new Calendar event.
4. Touch **Today** to display the current date, which is indicated by a blue box.

5. Touch  **Menu** and select one of the following options:
 - **Zoom**: In the Week and Day views, touch and drag a slider to increase or decrease the size of the area being viewed.
 - **Go to**: Display a specific date.
 - **Delete**: Delete All events, All events before today, or an individual event.
 - **Delete memo**: Delete memos that you have added.
 - **Search**: Search within your current events.
 - **Sync**: Synchronize your calendar with one or all of your accounts. This option only appears when an account has been opened.
 - **Calendars**: Display various information such as My calendars, My task, your linked accounts, and Contact's birthdays.
 - **Settings**: Displays a list of configurable settings.
6. To set your Calendar settings, touch  **Menu** → **Settings**.

Caller Name ID

Subscribe to Caller Name ID to identify unknown callers by Name, Picture, and City & State.

Note: Caller Name ID requires a subscription.

- Touch  **Caller Name ID.**

Camera

Use your 8 megapixel camera feature to produce photos in a JPEG format. Your phone also functions as a Camcorder to record videos.

- Touch  **Camera.**

For more information, refer to “*Camera*” on page 102.

Chrome

Use Google Chrome to browse the web.

- Touch  **Chrome.**

Clock

The Clock application allows you to access alarms, view the World Clock, set a stopwatch, and use a timer.

- Touch  **Clock.**

The Clock application includes these features:

- **Alarm:** Create alarms to go off once, or to repeat.
- **World clock:** Display the time and date in any time zone.
- **Stopwatch:** Record lap times.
- **Timer:** Measure elapsed time.
- **Desk clock:** Display the date and time in large format, for easy viewing.

Cloud

Use Verizon Cloud to back up and access information. You can use Verizon Cloud to transfer content between other devices that are sometimes running on different operating systems.

- Touch  **Cloud.**

Contacts

Use Contacts to store information for your friends, family and colleagues, to make contacting them easy.

- Touch  **Contacts**.

For more information, refer to “*Contacts and Accounts*” on page 52.

Downloads

View and manage files and other items you download to your phone.

1. Touch  **Downloads**.
2. Touch an item to open it (if an appropriate application is installed.)

Note: Applications you download in Google Play Store are managed in Play Store, and will not appear in Downloads.

Drive

Use the Google Drive app to open, view, rename, and share your Google Docs and files.

Visit drive.google.com to learn more.

Note: This app requires a Google Account.

- Touch  **Drive**.

Email

Send and receive email using popular email services.

- Touch  **Email**.

For more information, refer to “*Using Email*” on page 88.

Emergency Alerts

This device is designed to receive wireless emergency alerts from the Commercial Mobile Alerting System (CMAS). If your wireless provider has chosen to participate in CMAS, alerts are available while in the provider's coverage area. If you travel outside your provider's coverage area, wireless emergency alerts may not be available. For more information, please contact your wireless provider.

Emergency Alerts allows customers to receive geographically-targeted messages. Alert messages are provided by the US Department of Homeland Security and will alert customers of imminent threats to their safety within their area. There is no charge for receiving an Emergency Alert message.

There are three types of Emergency Alerts:

- Alerts issued by the President
- Alerts involving imminent threats to safety or life (Extreme and Severe)
- AMBER Alerts (missing child alert)

Note: Presidential alerts cannot be disabled.

Configure Emergency Alert Settings

1. Touch  Emergency Alerts.
2. Touch  Menu → Settings for these options:
 - **Alert types:** Enable or disable alerts. Presidential alerts cannot be disabled. Tap Emergency alert text messages to receive test alerts.
 - **Emergency alert tone:** Tap to hear a sample emergency alert.
 - **Vibrate:** When enabled, your phone will vibrate for emergency alerts.
 - **Alert reminder:** Choose an interval for your phone to remind you of an emergency alert, or choose Off for no reminders.
 - **Speak alert message:** When enabled, your phone will use text-to-speech to read out emergency alerts.

Flipboard

The Flipboard application creates a personalized digital magazine out of shared information. Access news stories, personal feeds and other related material. Flip through Facebook news feed, tweets from your Twitter account, photos from friends, and more.

- Touch  **Flipboard**.

Gallery

The Gallery is where you view photos and play back videos. For photos, you can also perform basic editing tasks, view a slideshow, set photos as wallpaper or contact image, and share as a picture message.

- Touch  **Gallery**.

For more information, refer to “*Gallery*” on page 100.

Gmail

Gmail is a web-based email service. Gmail is configured when you first set up your phone. Depending on your synchronization settings, Gmail can automatically synchronize with your Gmail account on the web.

- Touch  **Gmail**.

For more information, refer to “*Gmail*” on page 91.

Google

Use Google to search the Web.

- Touch  **Google**.

Tip: You can also access Google Search from the Google widget on the Home screen.

For more information, refer to “*Google Search Bar*” on page 24.

Google Settings

Use this app to manage your Google settings.

1. Touch  **Google Settings**.
2. Select an onscreen option, such as Connected apps, Google+, Play Games, Locations, and so on.
3. Follow the onscreen prompts to modify your Google Settings.

Google+

Stay connected and share life as it happens with Google+ on your device. Join a Hangout, post a photo, or see what friends are sharing while you are on the go.

- Touch  **Google+**.

For more information, refer to “*Google+*” on page 92.

Group Play

Share currently viewed documents or photos, or currently playing music files with other devices connected to the same Wi-Fi network and your device.

Create a group and set your device as the Mobile AP using a portable Wi-Fi hotspot.

Important! Connected devices cannot have access to the internet using your data network.

If your device supports NFC, connect with other devices by holding them close together.

1. Touch  **Group Play**.
2. Touch **Next** for Group Play instructions.

Hangouts

Hangouts is a free web-based application for instant messaging offered by Google. You can connect with your friends across computers and various Android devices. You can have conversations or video calls with up to 10 friends.

- Touch  **Hangouts**.

For more information, refer to “*Hangouts*” on page 92.

Help

Access help information to learn how to use the phone and applications or configure important settings.

1. Touch  **Help**.
2. Select a category to view tips.

IMDb

Search movies and actors, view trailers and showtimes, explore top charts and box office information, and add movies and TV to your personal Watchlist.

- Touch  **IMDb**.

Internet

The Internet application is your access to the mobile web. Open the web browser to start surfing the web. The browser is fully optimized and comes with advanced functionality to enhance the Internet browsing feature on your phone.

- Touch  **Internet**.

For more information, refer to “*Internet*” on page 111.

Isis Mobile Wallet

Isis Mobile Wallet uses NFC technology to let you pay for purchases with just a tap of your phone. The Wallet holds credit, debit, and loyalty cards while organizing offers, deals, and promotions. Isis helps you manage your spending by showing you card balances and recent purchases for most of the cards in your Wallet.

Note: Isis Mobile Wallet requires a special SIM card. See your Customer Service representative for more information.

1. Make sure NFC is activated on your phone.
2. Touch  **Isis Mobile Wallet**.

KNOX

Use this application to secure the data on your device.

- Touch  **KNOX**.

Maps

Depending on your location, you can view basic, custom, and satellite maps and local business information, including locations, contact information, and driving directions. You can also post public messages about a location and track your friends.

Important! Before using Google Maps you must have at least an active data (3G) connection. The Maps application does not cover every country or city.

Enabling a Location Source

Before you use Google Maps and find your location or search for places of interest, you must enable a location source. To enable the location source you must enable the wireless network, or enable the GPS satellites.

1. From a Home screen, touch Apps → Settings → More → Location services.
2. Touch the **ON/OFF** button to turn **Access to my location** ON .

3. Touch the **GPS & Verizon location services** field, if necessary, to create a green check mark next to the field.

Note: Selecting **GPS & Verizon location services** allows you to locate places of interest at the street-level. However, this also requires a clear view of the sky and uses more battery power.

To receive better GPS signals, avoid using your device in the following conditions:

- inside a building or between buildings
- in a tunnel or underground passage
- in poor weather
- around high-voltage or electromagnetic fields
- in a vehicle with tinted windows

Using Maps

1. Touch Maps.
A map will display with your location in the very center.
2. Follow the onscreen instructions to use the Maps application.

Messaging

Send and receive text and multimedia messages.

- Touch  **Messaging**.

For more information, refer to “*Creating and Sending Messages*” on page 83.

Mobile Hotspot

This application allows you to share your phone's mobile data connection via USB or as a portable Wi-Fi hotspot.

- Touch  **Mobile Hotspot**.

For more information, refer to “*Mobile Hotspot*” on page 124.

Music

Music allows you to play music files that you have stored on your phone and memory card. You can also create playlists.

- Touch  **Music**.

For more information, refer to “*Music*” on page 94.

My Files

Use My Files to manage your sounds, images, videos, bluetooth files, Android files, and other memory card data in one convenient location. If a file is associated with an application on your phone, you can launch the file in the application.

1. Touch  **My Files**.
2. Touch a category: All files, Images, Videos, Music, or Documents.
3. If All files is chosen:
 - Touch **Device storage** to see the contents of your internal SD card.
– or –
 - If you have an external SD card inserted, touch **SD memory card** to see the contents of your external SD card (memory card).

Note: Different folders may appear depending on how your phone is configured.

4. Touch a folder and swipe your finger on the screen to browse files.
5. Touch a file to open it, if the file is associated with an application.
6. While browsing files, use these controls:
 - To go back to the root directory, touch  **Home**.
 - To go back up to a higher directory, touch  **Up**.
 - For options, touch  **Menu**.

My Verizon Mobile

View details and manage your Verizon Wireless account.

Note: No airtime or minute charges apply when accessing My Verizon Mobile.

- Touch  **My Verizon Mobile**.

NFL Mobile

Play the popular game on your phone.

- Touch  **NFL Mobile**.

Optical Reader

Use Optical Reader to scan printed text into a note.

Note: Downloading additional content for this application may result in additional charges. To avoid additional charges, activate Wi-Fi before you continue.

1. Touch  **Optical Reader**.
An Information pop-up displays.
2. Touch **OK** to download additional files required by Optical Reader.
3. Touch **Free** on the OpticalReader DB installer screen.
4. Sign in to your Samsun account, if necessary.
The App permissions screen displays.
5. Read the screen and touch **Accept and download**.
6. Once the additional content is downloaded, follow the onscreen instructions.

Phone

The Phone application allows you to access the dialer keypad, call logs, and favorites.

- Touch  Phone.

For more information, refer to “*Call Functions*” on page 69.

Photos

Automatically save every photo you take with your device to your Google+ account. Then it is easy to view, organize, and share them with friends and family of your choice.

Visit google.com/+/learnmore/photos to learn more.

Note: This app requires a Google Account.

- Touch  Photos.

Play Books

Discover more than 3 million free e-books and hundreds of thousands more to buy in the eBookstore.

Visit play.google.com/store/books to learn more.

Note: This app requires a Google Account.

- Touch  Play Books.

Play Games

Discover hundreds of games for download and purchase through the Google Play Store.

Visit play.google.com/store/apps/category/GAME to learn more.

Note: This app requires a Google Account.

- Touch  Play Games.

Play Movies & TV

Watch movies and TV shows purchased from Google Play. You can stream them instantly, or download them for viewing when you're not connected to the Internet. You can also view videos saved on your device.

Visit play.google.com/store/movies to learn more.

Note: This app requires a Google Account.

For more information, refer to “*Play Movies & TV*” on page 99.

Play Music

With Google Play Music, you can play music you've downloaded, and music you copied from your computer.

Visit play.google.com/about/music to learn more.

Note: This app requires a Google Account for some features.

■ Touch  **Play Music.**

For more information, refer to “*Google Play Music*” on page 98.

Play Newsstand

Subscribe to your favorite magazines so you can have them available to read on your device at your leisure.

Visit play.google.com/store/newsstand to learn more.

Note: This app requires a Google Account.

■ Touch  **Play Newsstand.**

Play Store

All your favorite apps, movies and tv shows, music, books, magazines, and games are available in Google Play Store.

Visit play.google.com/store to learn more.

Note: This app requires a Google Account.

■ Touch  **Play Store.**

Polaris Office 5

Polaris Office 5 is a Microsoft Office-compatible office suite for managing your documents online or offline. It can also open Adobe PDF (Portable Document Format) files.

Visit polarisoffice.com to learn more.

- Touch  **Polaris Office 5**.

S Health

Use S Health to manage your wellness. S Health records activity level, food consumption, and other health-related data like blood glucose level, blood pressure and weight from external devices.

1. Touch  **S Health**.
2. Touch **Next**.
3. Read the Terms of use, touch all of the **Agree** check boxes, and then touch **Next**.
4. Enter your health profile information then touch **Start**.

Before You Start Exercising

This app can be used to monitor your exercise. While moderate physical activity, such as brisk walking, is safe for most people, health experts suggest that you talk with your doctor before you start an exercise program, particularly if you have any of the following conditions:

- Heart disease;
- Asthma or lung disease;
- Diabetes, or liver or kidney disease;
- Arthritis.

You should also check with your doctor if you have symptoms suggestive of heart, lung, or other serious disease, such as:

- Pain or discomfort in your chest, neck, jaw, or arms during physical activity;
- Dizziness or loss of consciousness;
- Shortness of breath with mild exertion or at rest, or when lying down or going to bed;
- Ankle swelling, especially at night;
- A heart murmur or a rapid or pronounced heartbeat;
- Muscle pain when walking upstairs or up a hill that goes away when you rest.

Finally, the American College of Sports Medicine recommends that you see your doctor before engaging in vigorous exercise if two or more of the following apply:

- You are a man older than age 45 or a woman older than age 55;
- You have a family history of heart disease before age 55;
- You smoke or quit smoking in the past six months;
- You have not exercised for three months or more;
- You are overweight or obese;
- You have high blood pressure or high cholesterol.
- You have impaired glucose tolerance, also called pre-diabetes.

When in Doubt—Check it Out

If you are unsure of your health status, have several health problems, or are pregnant, you should speak with your doctor before starting a new exercise program. Working with your doctor ahead of time is a good way to plan an exercise program that is right and safe for you. Consider it the first step on your path to physical fitness.

S Memo

Record ideas instantly and freely with memos containing text, pictures, handwritten notes or drawings, and voice recordings.

- Touch  **S Memo**.

S Translator

Use the translator to translate from one language to another.

- Touch  **Translator**.

S Voice

Use S Voice to speak commands to perform operations on your phone, and to speak criteria for searches and other operations. Just speak naturally, and S Voice understands what you are looking for. Use the power of S Voice to find everything from directions to trivia answers to the current weather forecast.

1. Touch  **S Voice**.
2. Follow the onscreen instructions.
3. Touch  **Menu** → **Settings** to configure settings to your preferences.

You can launch S Voice from most unlocked screens by pressing  Home twice. To set this option:

1. Touch  **S Voice**.
2. Touch  **Menu** → **Settings**.
3. Touch **Open via the home key** to turn the option On.
The default setting value is **Off**.

Samsung Hub

Browse and purchase Music, Video, Books, or Games using Samsung Hub.

- Touch  **Samsung Hub**.

Samsung Hub Notices

- Any media item (Media Content) may be rented or purchased after you create an account in Samsung Hub.
- Media Content that is purchased and downloaded may be viewed concurrently on up to five (5) devices with Samsung Hub (or "the service") that are also registered to the same account.
- You may remove a device from your account no more than once every 90 days.

- You may remove Media Content from a device as many times as you'd like. You will have the ability to re-download the Media Content later subject to content re-download availability and content provider permissions.
- You may need network coverage to access Media Content you have acquired through the Service.
- You can use 3G, 4G, or Wi-Fi connectivity to download Media Content.
- Unlike purchased Media Content, rented Media Content will be viewable on only 1 device in your account at a time.
- Media Content is downloaded and saved to your authorized device's SD card. No SD Card included out of box.
- Your Media Content may pause/stop or not download in networks where there is a weak signal.
- You may begin watching downloaded Media Content as soon as a) license acquisition has occurred and b) sufficient amount of the Media Content has been buffered.
- You must finish watching Media Content within the time limit set out for each piece of content (which may be as short as 24 consecutive hours).

- Stopping, pausing or restarting rented Media Content does not extend the available viewing time.
- In no event will rented Media Content be available for a period of more than thirty (30) days (or shorter on a title-by-title basis) after the Media Content has been rented (e.g., if you begin viewing rented Media Content on the 29th day after the rental transaction, but do not finish viewing the entire title, that rented Media Content may not be available for the entire twenty-four (24) consecutive hour period if such period would extend the viewable time beyond the thirty (30) day rental window).

Unless otherwise restricted by the Content Providers, you can download Media Content to your TV using HDMI connections; otherwise, you cannot play Media Content downloaded from your mobile device output.

Samsung Link

Share media with other DLNA-certified (Digital Living Network Alliance) devices.

Visit link.samsung.com to learn more.

Note: This app requires a Samsung Account.

Important! You must first connect both of your devices to the same Wi-Fi network before using this application.

- From the **Apps** screen, touch  **Samsung Link**.

Sharing Media via Samsung Link to a Target Device

Important! Make sure all communicating devices are connected to the same Wi-Fi.

1. Launch Samsung Link on the target device, such as an Internet TV or Samsung Tablet.
 2. From the **Apps** screen, touch  **Samsung Link**.
-

Note: You must be signed in to your Samsung Account before you can use this feature.

3. Swipe the screen to the right to display the All content screen.
4. Touch your device name from the **Registered devices** area.
5. Touch an available category tab (Photos, Music, Video, or Document) and select a file.
6. Touch an available onscreen file, image, or video to select it.

7. Touch and hold a file for these options:
 - **Send to:** Send files directly to a target device. On the Send to screen, touch the target device.
 - **Share via:** Share files by using Bluetooth, Email, Gmail, and so on.
 - **Change Player:** Select an available target device and stream files to it. On a target device, such as an Internet TV, select the onscreen **Allow** button to continue.

Note:  **Nearby Devices** appears in the Notification area at the top of the device to indicate you are using your device as the media source.

- **Delete:** Delete the file.
- **Details:** Display details about the file, such as file name, file size, and so on.

For additional information, touch  **Menu** → **Help**.

Settings

Configure your device to your preferences. It includes such settings as: display, security, memory, and any extra settings associated with your phone.

- Touch  **Settings**.

For more information, refer to “*Settings*” on page 154.

Setup Wizard

Use the Setup wizard to quickly configure your phone.

- Touch  **Setup wizard**.

Story Album

Create an album with your story on one timeline.

- Touch  **Story Album**.

TripAdvisor

TripAdvisor allows you to access traveler reviews and opinions on hotels, restaurants and more. You can also compare prices and check availability on hotels, flights, car rentals and more.

Note: This application requires a Samsung account sign in to access.

- Touch  **TripAdvisor**.

Verizon Tones

Preview, purchase, and download ringtones and ringback tones.

Note: Airtime or download charges may apply.

- Touch  **Verizon Tones**.

Video

The Video application plays video files stored on your memory card.

- Touch  **Video**.

For more information, refer to “*Video*” on page 98.

Voice Recorder

Record your voice or other sounds, and share recordings via Bluetooth, Messaging, or Gmail.

- Touch  **Voice Recorder**.

Voice Search

Use voice commands to search the web with Google.

- Touch  **Voice Search**.

Voicemail

All unanswered calls to your phone are sent to voicemail, even if your phone is turned off, so you will want to set up your voicemail and personal greeting as soon as you activate your phone.

- Touch  **Voicemail**.

Note: For more information about setting up and checking voicemail, see “*Voicemail*” on page 15.

VZ Navigator

Use VZ Navigator® to find, share and navigate to millions of locations, avoid traffic and drive or walk with ease.

Note: VZ Navigator requires service activation. Contact Verizon Wireless for more information.

- Touch  **VZ Navigator**.

VZ Security

The Verizon Mobile Security application helps protect your phone from digital threats, including viruses and malware, and from people accessing the information on your phone if it is ever lost or misplaced.

Verizon Mobile Security helps keep your phone secure and protected from viruses, malware and risky web sites.

Important! Data charges apply when using VZ Security.

- Touch  **VZ Security**.

WatchON

Enjoy all of your favorite movies and TV shows with WatchON. Once you have completed the WatchON setup, you can use your phone to control your TV and other devices.

Important! Before you use WatchON, verify that you have an active Internet connection available (either mobile network or Wi-Fi connection). For more information, refer to “Wi-Fi” on page 114.

Notes:

- If you are not connected to an active Wi-Fi, you may be prompted to continue the set up process via a mobile network. Click **Connect** to proceed.
- Before beginning your initial WatchON application setup, make sure that your TV is turned off.
- Sign into your Samsung account before using WatchON.

Initial Configuration

1. From the **Apps** screen, touch  **WatchON**.
2. Touch **Select country or region** and touch your country or region.
3. Enter your current ZIP code and touch **Done**.
4. From the **Find your TV service** screen, select a service provider from the available channel listing.
5. From the **Personalize** screen, you can either follow the onscreen prompts to personalize your desired content or touch **Skip** to continue without customizing your content.
6. Read the onscreen Peel Disclaimer and touch **Agree** to complete the set up process.

7. From the top of the main screen, touch  **(Remote Control)** to get started.
8. Follow the onscreen instructions.

WatchON Menu

1. From the **Apps** screen, touch  **WatchON**.
2. Touch  **Menu** for the following options.
 - **Change room:** Indicate a room.
 - **Edit channels:** Add or remove channels from your custom list.
 - **Settings:** Configure Samsung WatchON settings.
Follow the onscreen instructions.
 - **About:** Display WatchON version, build, and copyright information.
 - **Help:** Display Samsung WatchON help information.

YouTube

View and upload YouTube videos, right from your phone.

- Touch  **YouTube**.

Section 9: Settings

This section explains the settings used for customizing your device. If settings are described in another section of this user manual, then a cross reference to that description is provided.

Accessing Settings

- From a Home screen, touch Apps → Settings.
 - or –
- From a Home screen, touch Menu → Settings.
 - or –
- From any screen, touch the top of the screen and swipe downward, to display the Notification Panel, and then touch Settings.
- The Settings screen displays.

Settings Tabs

The Settings are divided into four main groups. When the Settings screen displays, the following four tabs are located at the top of the screen:



Connections: Touch this tab to see all settings related to the connection of your device to external sources, such as, Airplane mode, Wi-Fi, Bluetooth, and Nearby devices.



My device: Touch this tab to access device configuration and customization features, such as, Lock screen, Display, Sound, Power saving mode, and Accessibility.



Accounts: Touch this tab for both the ability to create and modify your accounts (such as, Samsung account, Email, and Google account) and access Backup and reset features.



More: Touch this tab to access the remaining set of device settings not listed under the other three tabs, such as, Location services, Security, Application manager, and About phone.

Note: The settings for your device are described below in the order that they appear within the Settings menu. Options under the Connections tab are listed first, followed by My device, Accounts, and More settings.

Airplane Mode

Airplane mode allows you to use many of your phone's features, such as Camera, Games, and more, when you are in an airplane or in any other area where making or receiving calls or data is prohibited.

Important! When your phone is in Airplane Mode, it cannot send or receive any calls or access online information or applications.

- Press and hold the **Power** button then touch **Airplane mode**.

– or –

From a Home screen, touch the top of the screen and swipe downward, to display the Quick Settings, and then touch **Airplane mode** in the Quick Settings menu.

– or –

From the **Settings** screen, touch  **Connections** and then touch the **ON/OFF** button to turn Airplane mode ON . At the **Turn on airplane mode** prompt, touch **OK**.

The Airplane mode icon  displays at the top of your screen when Airplane mode is enabled.

Wi-Fi

This section describes the Wi-Fi settings. For information on how to use Wi-Fi, see “*Wi-Fi*” on page 114.

Activating Wi-Fi

1. From the **Settings** screen, touch  **Connections** → **Wi-Fi**.
2. Touch the **ON/OFF** button to turn Wi-Fi ON .
3. Touch **Scan** to scan for available Wi-Fi networks. For more information, refer to “*Connect to a Wi-Fi Network*” on page 114.

Activating Wi-Fi Direct

Wi-Fi Direct allows device-to-device connections so you can transfer large amounts of data over a Wi-Fi connection.

1. From the **Settings** screen, touch  **Connections** → **Wi-Fi**.
2. Touch the **ON/OFF** button to turn Wi-Fi ON .
3. At the bottom of the Wi-Fi screen, touch **Wi-Fi Direct**.
For more information, refer to “*Wi-Fi Direct*” on page 116.

Advanced Wi-Fi Settings

The advanced Wi-Fi settings allow you to set up and manage wireless access points.

1. From the **Settings** screen, touch  **Connections** → **Wi-Fi**.
2. Touch  **Menu** → **Advanced**.

The following options are available:

- **Wi-Fi notifications:** Alerts you when a new WAP is available.

- **Passport:** Automatically connect to passport-enabled Wi-Fi APs.
- **Sort by:** Sort Wi-Fi networks by alphabet or RSSI (received signal strength indicator).
- **Keep Wi-Fi on during sleep:** Specify when to disconnect from Wi-Fi.
- **Always allow scanning:** Allow Google location service and other apps to scan for networks, even when Wi-Fi is turned off.
- **Auto network switch:** Automatically switch between Wi-Fi networks and mobile networks.
- **Install certificates:** Install authentication certificates.
- **MAC address:** View your device's MAC address, required when connecting to some secured networks (not configurable).
- **IP address:** View your device's IP address.

Bluetooth

In this menu you can activate Bluetooth, view or assign a device name, activate your phone so other Bluetooth devices can discover it, or scan for other, available Bluetooth devices with which to pair.

Activating Bluetooth

1. From the **Settings** screen, touch  **Connections**.
2. Touch the **ON/OFF** button, located to the right of the Bluetooth field, to turn Bluetooth ON .

Note: When enabled, the Bluetooth icon  displays in the Status Bar.

Additional Bluetooth Settings

When Bluetooth is on, additional settings are available.

1. From the **Settings** screen, touch  **Connections** → **Bluetooth**.
2. Touch **Scan** to scan for nearby discoverable devices.

3. After searching, touch a device to pair with it.

For more information, refer to “*Pairing Bluetooth Devices*” on page 121.

4. Touch  **Menu** and select a Bluetooth setting to configure:

- **Visibility timeout:** Use this setting to control when to automatically turn off the Discoverable option:
2 minutes, 5 minutes, 1 hour, or Never time out.
- **Received files:** Shows the list of files received by using Bluetooth.

5. Touch the check box next to **SCH-I545** to create a check mark if you want your phone to be visible to other Bluetooth devices.

Data Usage

From this screen you can view your Mobile data usage and turn your Mobile data capability On or Off.

1. From the **Settings** screen, touch **Connections** → **Data usage**.
2. Touch **Mobile data** to turn Mobile data usage On.
3. Touch **Limit mobile data usage** to allow a data limit to be set.
Touch and drag the red limit bar to the desired GB limit.
4. Touch **Alert me about data usage** to set your device to alert you when mobile data usage reaches the warning limit you set. Touch and drag the orange warning line on the displayed graph to set the data usage warning limit.
5. Touch the **Data usage cycle** drop-down menu and select a date.
The data usage displays as a visual (chart) and also displays a list of each application with a breakdown of how much data was used per application.

Note: Data is measured by your device. Your service provider may account for data usage differently.

6. Touch  **Menu** to display additional options. Touch to activate.
 - **Data roaming:** Turn data roaming On or Off. When roaming, your device connects to networks outside your home network, depending on your provider's agreements with other providers. Using data while roaming can incur extra charges, depending on your plan. For more information, contact Verizon Wireless.
 - **Restrict background data:** Restrict some apps and services from working unless you are connected to a Wi-Fi network.
 - **Auto sync data:** Set your accounts to automatically sync.
 - **Show Wi-Fi usage:** Display a Wi-Fi tab that shows Wi-Fi usage.
 - **Mobile hotspots:** Display available mobile hotspots.
 - **Show units:** Select how data amounts are displayed.

More Networks

This option displays additional Connectivity information.

- From the **Settings** screen, touch **Connections** → **More networks**.

The following options display.

Default Messaging App

Select the messaging app that your phone is to use by default to receive your incoming messages.

1. From the **Settings** screen, touch **Connections** → **More networks** → **Default messaging app**.
2. Select **Messaging** or **Hangouts**.

Printing

Select a Wi-Fi-connected printer to print files from your phone.

1. From the **Settings** screen, touch **Connections** → **More networks** → **Printing**.
2. Touch the desired print service and follow the prompts.

Mobile Networks

Set options for network selection and data service.

Important! Depending on your service plan, changes you make to mobile networks settings may incur extra charges. Consult Verizon Wireless for information.

- Touch **Mobile networks** to display the following options:
 - **Mobile data:** Enable or disable your device's connection to the mobile data network. You can also control this setting at Notifications with the Mobile data setting.
 - **Global Data Roaming Access:** Enable or disable connection to data services when your device is roaming on another network.
 - **Roaming:** (Not configurable) Current roaming status.

- **Signal strength:** (Not configurable) Current signal strength.

- **Network mode:** Choose a preferred network mode.

- **Access Point Names:** Configure wireless network access.

- **Network operators:** Configure network operators.

Mobile Hotspot

Use Mobile Hotspot to share your phone's internet connection with a PC or other device through Wi-Fi, using your phone as the mobile hotspot.

For more information, refer to "*Mobile Hotspot*" on page 124.

Tethering

Use Tethering to share your phone's internet connection with a computer that connects to your device with a USB cable or by Bluetooth.

For more information about connecting computers to your phone by Tethering, see "*Tethering*" on page 126.

VPN

Set up and manage Virtual Private Networks (VPNs).

Adding a VPN

- From the **Settings** screen, touch **Connections** → **More networks** → **VPN**.

Note: You must enable a screen unlock pattern PIN, or password before you can use credential storage. For more information, refer to “*Screen Lock*” on page 164.

Configure a Basic VPN

- Touch **Basic VPN** and then touch  **Add**.
- Enter the configuration information and then touch **Save**.

Configure an Advanced IPsec VPN

- Touch **Advanced IPsec VPN** and then touch **Add VPN Connection**.
- Enter a password.
- Enter the IPsec configuration information, then touch **Show advanced options** to configure additional options.
- Touch **Save**.

NFC

Use NFC (Near Field Communication) to share information between your phone and another NFC device by touching the devices together, typically back-to-back. This is used for applications such as Android Beam and S Beam.

To activate NFC:

- From the **Settings** screen, touch **Connections** → **NFC**.
The NFC screen displays.
- Touch the **ON/OFF** button at top of the screen to turn NFC ON .

Note: NFC must be turned on to use Android Beam or S Beam.

Android Beam

When Android Beam is activated, you can beam app content to another NFC-capable device by holding the devices close together. You can beam browser pages, YouTube videos, contacts, and more.

1. From the **Settings** screen, touch  **Connections** → **NFC**.
2. Touch the **ON/OFF** button next to **Android Beam** to turn Android Beam ON .
3. Touch the back of your device with another NFC-capable device and the content is transferred.

Tap and Pay

Use your device and a payment app (such as ISIS Wallet) to pay for items by tapping it to contactless payment terminal at thousands of merchants.

1. From the **Settings** screen, touch  **Connections** → **NFC**.
2. Touch **ON/OFF** to turn NFC on. NFC must be on to use Tap and Pay.
3. Touch **Tap and Pay** to set up and access your payment apps.

S Beam

When S Beam is activated, you can beam files to another NFC-capable device by holding the devices close together. You can beam images and videos from your Gallery, music files from your Music app, and more.

1. From the **Settings** screen, touch  **Connections** → **S Beam**.
2. Touch the **ON/OFF** button at top of the screen to turn S Beam ON .
3. Touch the back of your device with another NFC-capable device to transfer the content.

Nearby Devices

Share your media files with nearby devices using DLNA (Digital Living Network Alliance) standards, over Wi-Fi.

1. Connect to a Wi-Fi network. For more information, refer to “*Activating Wi-Fi*” on page 155.
2. From the **Settings** screen, touch  **Connections** → **Nearby devices**.

3. Touch the **ON/OFF** button to turn Nearby devices ON  and activate file sharing.

The device name displays under Device name. The default is the model number: SCH-I545.

Note: When enabled, the Nearby devices icon  displays in the Status Bar.

4. Touch **Shared contents**, then check the media you would like to share. Touch **OK**.
5. Touch **Allowed devices list**, then select the connected devices you would like to allow.
6. Touch **Not-allowed devices list**, then select the connected devices you would like to not allow.
7. Touch **Download to**, then select the destination of any downloaded (shared) content. Choose from Device or SD card.
8. Touch **Upload from other devices**, then select the actions you'll take when you upload content from other devices. Choose from either Always accept, Always ask, or Always reject.

Screen Mirroring

Use the Screen Mirroring feature to share media files on your phone with an HDMI device, such as an HDMI TV.

Note: This feature requires an optional AllShare Cast dongle accessory. See your Verizon Customer Service Representative for more information.

1. From the **Settings** screen, touch  **Connections** → **Screen Mirroring**.
2. Connect the AllShare Cast dongle to the HDMI device using an HDMI A-to-A cable.
3. Touch  **Menu** → **Help** for Screen Mirroring help information.

Lock Screen

Choose settings for unlocking your screen. For more information about using the lock and unlock features, see “*Securing Your Phone*” on page 16.

Screen Lock

1. From the **Settings** screen, touch  **My device** → **Lock screen**.
2. Touch **Screen lock** for these options then follow the onscreen instructions to set up your Screen lock:
 - **Swipe**: Swipe the screen to unlock it.
 - **Face unlock**: Look at your phone to unlock it.
 - **Face and voice**: Look at your phone and speak to unlock.
 - **Pattern**: A screen unlock pattern is a touch gesture you create and use to unlock your device. Follow the prompts to create or change your screen unlock pattern.
 - **PIN**: Select a PIN to use for unlocking the screen.
 - **Password**: Create a password for unlocking the screen.
 - **None**: No pattern, PIN, or password is required. The screen will never lock.

Lock Screen Options

Activate or deactivate various Unlock screen functions.

Note: The Lock screen options will differ depending on what type of Screen Lock you have selected in Step 2.

1. From the **Settings** screen, touch **Lock screen**.
2. The following options are available depending on the Screen Lock type that you have selected:

Swipe Options

- **Multiple widgets**: Display multiple widgets on your lock screen. Appears as an option after a lock mode is enabled.
- **Lock screen widgets**: Lock the widgets that are displayed on your home screens.
- **Shortcuts**: Set shortcuts to appear at the bottom of the Lock screen. Touch the **ON/OFF** button to turn it **ON** .
- **Unlock effect**: Set the effect you receive when unlocking the phone. You can select None, Ripple effect, or Light effect.

- **Help text:** Show help information on the Lock screen.
- **Wake up in lock screen:** Requires you to say a command to wake-up your phone.
- **Set wake-up command:** Designate your wake-up commands. Touch Set wake-up command and follow the on-screen prompts to create a new verbal command.

Face Unlock Options

- **Lock screen widgets:** Lock the widgets that are displayed on your home screens.
- **Improve facial recognition:** Improve your device's face matching capability by capturing your face in different lighting, with or without glasses, and bearded or clean-shaven. Follow the onscreen instructions.
- **Presence check:** Requires you to blink when using the Face unlock feature. This will increase the security of the feature.
- **Lock automatically:** The screen automatically locks 5 seconds after the screen turns off.
- **Lock instantly with power key:** When enabled, the phone instantly locks when you press the power key.

Pattern Options

- **Lock screen widgets:** Lock the widgets that are displayed on your home screens.
- **Make pattern visible:** See the pattern as you draw it.
- **Lock automatically:** The screen automatically locks 5 seconds after the screen turns off.
- **Lock instantly with power key:** When enabled, the phone instantly locks when you press the power key.

PIN and Password Options

- **Lock screen widgets:** Lock the widgets that are displayed on your home screens.
- **Lock automatically:** The screen automatically locks 5 seconds after the screen turns off.
- **Lock instantly with power key:** When enabled, the phone instantly locks when you press the power key.
- **Auto factory reset:** This option is available for the Password option. If you fail to enter the correct password after 10 attempts, a factory reset will be performed.

Display

In this menu, you can change various settings for the display.

- From the **Settings** screen, touch  **My device** → **Display**.

The following options display:

- Wallpaper:** Set the Wallpaper for your Home screen, Lock screen, or both. For more information, refer to "*Changing the Wallpaper*" on page 32.
- Notification panel:** Set the brightness of your Notification Panel and also select the quick setting buttons that you want to display at the top of the Notification Panel. For more information, refer to "*Notification Panel*" on page 34.
- Multi window:** Enable or disable the automatic Multi window feature.
- Screen mode:** Select from several different color modes.
- Brightness:** Configure the LCD Brightness levels. Touch Automatic brightness to allow the phone to self-adjust or drag the slider and touch OK.

- Auto rotate screen:** Switch the display orientation automatically when you rotate the phone.
- Screen timeout:** Adjust the delay time before the screen automatically turns off. Selections are: 15 seconds, 30 seconds, 1 minute, 3 minutes, 5 minutes, and 10 minutes.
- Daydream:** Control what your screen does when your device is docked or sleeping. Touch the **ON/OFF** button to turn the option ON . Follow the onscreen instructions.
- Font style:** Set the font style that your phone will use. You can also touch Get fonts online to choose from a wider selection.
- Font size:** Select which size of font displays.
- Touch key light duration:** Adjust the delay before the Touch key light automatically turns off.
- Show battery percentage:** Display the battery charge percentage next to the battery charge icon at the top of the display.
- Edit after screen capture:** Go edit a screen immediately after taking a screen capture.

- **Auto adjust screen tone:** Save power by adjusting the screen tone according to an analysis of the images.
- **Increase touch sensitivity:** Increase the sensitivity of the touch screen so you can control the device while wearing gloves.

LED Indicator

This option is used to turn on your LED lights for charging, missed events, and incoming notifications. The light will turn on by default unless you turn them off.

1. From the **Settings** screen, touch  **My device** → **LED indicator**.
2. Touch the following LED indicator options to turn them on or off:
 - **Charging:** LED lights up when the device is connected to the charger.
 - **Low battery:** LED lights up when the battery level is low.
 - **Notifications:** LED lights up when you have missed calls, messages, or application events.
 - **Voice recording:** LED lights up when you are recording voice. The LED only lights up when the screen is off.

Sound

From this menu you can control the sounds on the phone.

- From the **Settings** screen, touch  **My device** → **Sound**.

The following options display:

- **Volume:** Change the volume for all phone sounds in one easy location. Touch and drag the sliders to adjust the sound volume for Music, video, games and other media, Ringtone, Notifications, and System. Touch **OK**.
- **Vibration intensity:** Set the vibration intensity of incoming calls, notifications, and Haptic feedback.
- **Ringtones:** Set the ringtone. Touch a ringtone and touch **OK**.
 - or –
 - Touch **Add** to select a file from your music files.
- **Vibrations:** Set your phone to vibrate and ring. Select a vibration pattern and touch **OK**.
 - or –
 - Touch **Create** and follow the onscreen instructions to create your own vibration.

- **Default notification sound:** Set the ringtone that will sound for notifications and alarms. Touch a ringtone and touch **OK**.
- **Vibrate when ringing:** Enable your phone to vibrate whenever it rings. Touch **Vibrate when ringing** to create a check mark and enable the feature.

System Tone Settings

Touch any of the following options to create a check mark and activate the feature:

- **Dialing keypad tone:** Makes a sound when you touch a key on the keyboard.
- **Touch sounds:** Makes a sound when you touch the screen.
- **Screen lock sound:** Makes a sound when your screen is locked or unlocked.
- **Haptic feedback:** Makes a vibration when you touch soft keys and on certain UI interactions.
- **Emergency tone:** Determines whether the phone plays an alert or vibrates as an Emergency alert.

Samsung Applications

Access sound settings for select applications on your phone.

- **Call:** See “*Call*” on page 169.
- **Message:** See “*Messaging Settings*” on page 87.
- **Email:** See “*Using Email*” on page 88.
- **Calendar:** See “*Calculator*” on page 132.

Samsung Keyboard

Set the keyboard sounds. Touch either of the following options to create a check mark and activate the feature:

- **Key-tap sound:** Enables auditory feedback when you touch an onscreen key.
- **Key-tap vibration:** Enables the device to vibrate when you touch an onscreen key.

HDMI

To set the HDMI (High-Definition Multimedia Interface) audio setting:

- **Audio output:** Touch Stereo or Surround to set the audio output setting.

More settings

- **Adapt Sound:** The Adapt sound feature allows you to customize your call sounds. Touch **Adapt Sound**, read the instructions, and touch Start. Follow the onscreen instructions to set up your personal call sound.

Home Screen Mode

Home screen mode is used to set your display to the conventional layout of **Standard mode** or provide an easier user experience for the first-time smartphone users using **Easy mode**.

1. From the **Settings** screen, touch  **My device** → **Home screen mode**.
2. Touch the radio button to select one of these options:
 - **Standard mode:** Use a conventional layout for the apps and widgets on your home screens.
 - **Easy mode:** Use an easier user experience for first-time smartphone users on the home screens.
3. Touch **Apply**.

Call

To access the Call settings menu:

- From the **Settings** screen, touch



My device → **Call**.

– or –

From a Home screen, touch  **Phone** →  **Menu** → **Call settings**.

The following options display.

Call Block

Set up call blocking for incoming and outgoing calls.

1. From the **Call** screen, touch **Call block**.
2. Touch **Block calls** and touch one of the following options:
 - **Off:** Turn Auto reject mode off.
 - **All numbers:** Reject all calls.
 - **Call block list only:** Block all calls in your Call block list.
3. Touch **Call block list**.

4. Touch  **Create** to manually add numbers to the Call block list.
5. Touch **Unknown number**, to create a check mark and automatically reject all calls that are not in your Contacts list.

Set Rejection Messages

1. From the **Call** screen, touch **Set up call rejection messages**.
2. Touch  **Create** to manually add a reject message.

– or –

Touch one of the pre-written messages to be displayed when you want the call to be rejected. You can edit the message if desired.

Touch **Save** to save the reject message.

3. Touch  **Delete** to remove messages.

Answering and Ending Calls

- From the **Call** screen, touch **Answering/ending calls**.
The following options are available:
 - **The home key answers calls:** Accept incoming calls by pressing the Home key.
 - **Voice control:** Accept incoming calls by using your voice.
 - **The power key ends calls:** End a call by pressing the power key without turning off the screen.

Turn Off Screen During Calls

This option turns on the proximity sensor during calls so that your phone will know to turn the screen off to save power.

- From the **Call** screen, touch **Turn off screen during calls** to create a check mark and enable the feature.

Call Alerts

1. From the **Call** screen, touch **Call alerts**.
2. Touch the following options to create a check mark and activate the features:
 - **Vibrate on connection to network:** The device vibrates when it connects to the network.
 - **Call-end vibration:** Enables your phone to vibrate when the call ends.
 - **Call connect tone:** Plays a tone when a call is connected.
 - **Minute minder:** Beeps twice every minute that you are on a call.
 - **Call end tone:** Plays a tone when a call is ended.
 - **Alerts on call:** Turns on alarm and message notifications during a call.

Call Accessories

- From the **Call** screen, touch **Call accessories**.
The following options are available:
 - **Automatic answering:** Automatically answer an incoming call when a headset is detected.
 - **Automatic answering timer:** Configure the time delay before the device automatically accepts the incoming call.
 - **Outgoing call conditions:** Make calls even when the device is locked.

Call Forwarding

- From the **Call** screen, touch **Call forwarding**.
The following options are available:
 - **Activate call forwarding:** Enables the Call forwarding feature.
 - **Deactivate Call Forwarding:** Disables the Call forwarding feature.

Ringtones and Keypad Tones

Choose tones and/or vibration to play for incoming calls and keypad touches.

- From the **Call** screen, touch **Ringtones and keypad tones**.

The following options are available:

- Ringtones:** Choose a default ringtone for incoming calls.
- Vibrations:** Choose a vibration pattern, or create your own pattern, to play for incoming calls when Incoming call vibration is turned On. Vibration plays along with the ringtone, if Silent mode is not enabled.
- Vibrate when ringing:** When enabled, the Device vibration plays for incoming calls.
- Dial keypad tone:** When enabled, sounds play when you touch the Phone keypad.

Personalize Call Sound

Choose options for call audio, in cases where you might need the sound softer or more clear, or optimized for your right or left ear. These are the defaults, but you can change them during a call by touching  Menu → My call sound.

- From the **Call** screen, touch **Personalize call sound**.

The following options are available:

- Adapt sound:** Customize your sounds. Follow the onscreen instructions to set up your personal call sound.
- Soft sound:** Decreases the call sound volume so it sounds softer during a call.
- Clear sound:** Increases the call sound volume so the sound is more clear during a call.
- Off:** Disables the personalization option.

Noise Reduction

This option helps to suppress background noise from your side during a call.

- From the **Call** screen, touch **Noise reduction** to create a check mark and enable the feature.

Increase Volume in Pocket

When enabled, the device uses the proximity sensor to detect when the device is in a pocket or other close-fitting location such as a purse or bag, and increases the volume for incoming call ringtones.

- From the **Call** screen, touch **Increase volume in pocket**.

Voicemail Service

1. From the **Call** screen, touch **Voicemail service**.

Voicemail service provided by your carrier is the default.

2. Touch **My carrier** to remove the carrier Voicemail service.

Voicemail Settings

You can view or modify your voicemail number from this menu.

1. From the **Call** screen, touch **Voicemail settings**.
2. Touch the **Voicemail number** field, backspace to erase the digits, and enter a new voicemail number using the keypad, then touch **OK**.
3. Touch **OK**.

Sound

You can select a unique ringtone for Voicemail alerts.

1. From the **Call** screen, touch **Sound**.
2. Touch a ringtone to hear it played.
3. Select a ringtone and touch **OK**.

Vibrate

This option allows you select vibration settings for Voicemail alerts.

- From the **Call** screen, touch **Vibrate** to create a check mark and activate the Vibrate feature.

Other Call Settings

- From the **Call** screen, configure the following additional options.
 - **Current country:** Choose the country you are in. This is used in Assisted dialing.
 - **Assisted dialing:** When turned On, your phone automatically dials appropriate codes and prefixes for international calls. Touch the **ON/OFF** button to turn the option **ON** , then touch Assisted dialing to configure settings.
 - **Auto retry:** When enabled, the device automatically redials a call if it receives a busy signal from the network.
 - **TTY mode:** Choose a TTY mode to enable TTY mode, for use with optional TTY equipment.
 - **DTMF tones:** Set the length of Dual-tone Multi-frequency tones, which play when you use the keypad during a call, such as when navigating device menus.
 - **Voice privacy:** Enable or disable Enhanced voice privacy, to improve the security of phone calls.

Blocking Mode

When Blocking mode is enabled, notifications for selected features are disabled. You only receive notifications of incoming calls from people on your allowed list.

1. From the **Settings** screen, touch  **My device** → **Blocking mode**.
2. Touch the **ON/OFF** button to turn Blocking mode **ON** .

Note: When enabled, the Blocking mode icon  displays in the Status Bar.

3. Touch **Block incoming calls**, **Turn off notifications**, **Turn off alarm and timer**, or **Turn off LED indicator** to place a green check mark adjacent to those features you would like to enable.
4. Configure a timeframe for these features to be active. Remove the check mark from the **Always** field to configure the **From** and **To** time fields.

5. Touch **Allowed contacts** to assign those contacts that are exempted from these rules. Choose from None, All contacts, Favorites, or Custom. Allowed contacts will then appear in the **Allowed contact list**.

Hands-Free Mode

When Hands-free mode is enabled, incoming calls and notifications are read out automatically.

1. From the **Settings** screen, touch  **My device** → **Hands-free mode**.
2. Touch the **ON/OFF** button to turn Hands-free mode **ON** .

Note: When enabled, the Hands-free mode icon  displays in the Status Bar.

3. Touch **Incoming call**, **Air call-accept**, **Message**, **Alarm**, or **Schedule** to enable notifications to be read out automatically.

Note: You can disable Hands-free mode by saying “Hands-free mode off” while in S voice, by accessing the Settings menu and touching the **ON/OFF** button to turn Hands-free mode **OFF** , or by using the Notification Panel.

Power Saving Mode

Power saving mode allows you to manage your phone to conserve power.

1. From the **Settings** screen, touch  **My device** → **Power saving mode**.
2. Touch the **ON/OFF** button to turn Power saving mode **ON** .
3. Touch the following options to create a check mark and conserve power:
 - **CPU power saving:** Limit the maximum performance of the CPU.
 - **Screen power saving:** Lower the screen power level.
 - **Turn off haptic feedback:** Turn off vibration when you touch the screen.

4. Touch **Learn about power saving** to learn about various ways to conserve battery power.

Accessories

This menu allows you to select the Audio output mode when using a car or desk dock.

- From the **Settings** screen, touch  **My device** → **Accessory** for options:
 - **Dock sound:** Play sounds when inserting or removing the phone from the dock.
 - **Audio output mode:** Use the external dock speakers when the phone is docked.
 - **Desk home screen display:** Display the desk home screen whenever the phone is docked.
 - **Automatic unlock:** Unlock the phone when you open the optional phone cover.
 - **Show in-call screen:** Automatically turn on your screen when you move your device away from your ear during a call.
 - **Audio output:** Set your Audio output to Stereo or Surround.

Accessibility

Accessibility services are special features to make using the device easier for those with certain physical disabilities. Use the Accessibility settings to activate these services.

Note: You can download accessibility applications from Play Store and manage their use here.

1. From the **Settings** screen, touch  **My device** → **Accessibility**.
2. The following options are available:
 - **Auto rotate screen:** Automatically rotate the screen from landscape to portrait when you rotate your phone.
 - **Screen timeout:** Set the length of delay between the last key press or screen touch and the automatic screen timeout (dim and lock).
 - **Lock automatically:** Automatically lock the screen after the selected minutes of inactivity. This option only displays when you have locked your screen using one of the lock screen options. For more information, refer to “*Lock Screen*” on page 164.

- **Speak passwords:** Read out password information.
- **Answering/ending calls:** Accept incoming calls by pressing the **Home** key or end calls using the power key.
- **Easy touch mode:** Stop or snooze alarms, calendar events, and timers, and accept or reject incoming calls by simply touching the screen.
- **Show shortcut:** Add Accessibility and Talkback as shortcuts under the device options available after pressing and holding the **Power/Lock** key.
- **Manage accessibility:** Save and update your accessibility settings or share them with another device. You can export your settings, import a previously saved file, or share your file with another device.
- **TalkBack:** Activate the TalkBack feature.

Note: TalkBack, when installed and enabled, speaks feedback to help blind and low-vision users.

Important! TalkBack can collect all of the text you enter, except passwords, including personal data and credit card numbers. It may also log your user interface interactions with the device.

- **Font size:** Change the size of the fonts used on the device within menus, options, and so on. Choose from: Tiny, Small, Normal, Large, or Huge.
- **Magnification gestures:** Use exaggerated gestures such as triple-tapping, double pinching, and dragging two fingers across the screen.
- **Negative colors:** Reverse the display of onscreen colors from White text on a Black background to Black text on a White background.
- **Color adjustment:** Adjust the display colors, if you are color blind and have difficulty reading the display because of the colors. Touch the **ON/OFF** button to turn it ON  **ON**. Follow the onscreen instructions.
- **Notification reminder:** Play a beep when you have unread notifications. Touch the **ON/OFF** button to turn it ON  **ON**.

- **Accessibility shortcut:** Quickly enable accessibility features in two quick steps. Touch the **ON/OFF** button to turn it ON . Follow the onscreen instructions.
- **Text-to-speech options:** Adjust your text-to-speech settings. For more information, refer to “Speech” on page 182.
- **Sound balance:** Use the slider to set the Left and Right balance when using a stereo device.
- **Mono audio:** Enable stereo audio to be compressed into a single mono audio stream for use with a single earbud or earphone.
- **Turn off all sounds:** Mute every sound made by the device when touched and during selections, notifications, and so on.
- **Hearing aids:** Improve the sound quality of your device for use with hearing aids.
- **Flash notification:** Set your camera light to blink whenever you receive a notification.
- **Google subtitles (CC):** Enable Google subtitles (CC) (when available).

- **Samsung subtitles (CC):** Enable Samsung subtitles (CC) (when available).
- **Assistant menu:** Improve the device accessibility for users with reduced dexterity.
- **Touch and hold delay:** Select a time interval for this action. Choose from: Short, Medium, Long, or Custom.
- **Interaction control:** Enable or disable motions and screen timeout. You can also block areas of the screen from touch interaction. Touch the **ON/OFF** button to turn it ON . Follow the onscreen instructions.

Language and Input

You can change the language used by your phone by following these steps:

- From the **Settings** screen, touch  **My device** → **Language and input**.

The following options display.

Language

You can change the language used by your device by following these steps:

- From the **Language and input** screen, touch **Language**.
- Touch a language from the list.

Personal Dictionary

Create and manage a list of words for use in text entry, for matching your key touches with words.

- From the **Language and input** screen, touch **Personal dictionary**.

- Manage your word list:

- Select  **Add** to enter new words.
- Touch a word to **Edit** the word.
- Touch a word and touch  **Delete** to delete it.

Keyboards and Input Methods

You can change the keyboard used by your device by following these steps:

- From the **Language and input** screen, touch **Default** and select a keyboard.
 - Select **Samsung keyboard** or **Swype**.
 - or –
 - Touch **Set up input methods**.
- Touch  **Settings** next to the input method that you would like to configure.

Depending on the input method selected, the appropriate settings display and are explained below.

Samsung Keyboard

To configure the Samsung keyboard:

- From the **Language and input** screen, touch  next to **Samsung keyboard**.

The following options are available:

- Input languages:** Set the input language. Touch a language from the available list. The keyboard is updated to the selected language.
- Predictive text:** Enable predictive text entry mode. This must be enabled to gain access to the advanced settings. Touch and hold to access the advanced settings. Touch the **ON/OFF** button to turn it  **ON**.
The following options are available:
 - Live word update:** Automatically update predictive text with popular new words daily.
 - Personalized data:** Use personal language that you have added to make your prediction results better.
 - Learn from Facebook:** Log in to your Facebook account so your phone can learn your Facebook style.

- Learn from Gmail:** Log in to your Gmail account so your phone can learn your Gmail style.
- Learn from Twitter:** Log in to your Twitter account so your phone can learn your Twitter style.
- Learn from Messages:** Allow your device to learn from your Messages.
- Learn from Contacts:** Allow your device to learn from your Contacts.
- Clear remote data:** Delete anonymous data that is stored on the personalization server.
- Clear personal data:** Remove all personalized data that you have entered.
- Privacy policy:** Read the privacy policy. Follow the onscreen instructions.
- Auto replacement:** Complete or replace the word you are typing with the most probable word when you touch the space bar. Touch the **ON/OFF** button to turn it  **ON**.
- Auto capitalization:** Automatically capitalize the first letter of the first word in each sentence (standard English style).

- **Auto spacing:** Automatically insert spaces between words.
- **Auto punctuate:** Automatically insert a full stop in a sentence by touching the space bar twice when using the onscreen QWERTY keyboard.
- **Keyboard swipe:** Touch one of the following:
 - **None:** Turn Keyboard swipe off.
 - **SwiftKey Flow:** Enable the SwiftKey Flow feature. When enabled, you can enter text by sliding your finger across the keyboard.
 - **Cursor control:** Move the cursor by sliding your finger across the keyboard.
- **Key-tap feedback:** Select one or more of the following:
 - **Sound:** Enable or disable auditory feedback when you touch an on-screen key.
 - **Vibration:** Enable or disable vibration when you touch an onscreen key.
 - **Character preview:** Provide an automatic preview of the current character selection within the text string. This is helpful when multiple characters are available within one key.

- **Help:** Display more information about using the Samsung keyboard.
- **Reset settings:** Reset the keyboard settings back to their original configuration.

Swype

To configure Swype settings:

- From the **Language and input** screen, touch  next to **Swype** to display the following options:
 - **Settings:** Configure basic Swype settings. When an option is enabled, a check mark  appears in the check box.
 - **My Words:** Set options for managing your dictionary and data.
 - **Languages:** Manage the language used for Swype. The default language is English. Touch **Download languages**, to download additional languages.
 - **Gestures:** Display helpful information on using gestures while using Swype.
 - **Help:** Touch **How to Swype** to view an onscreen manual for Swype. Touch **Show helpful tips** for more Swype information.
 - **Updates:** Check for available Swype updates.

Google Voice Typing

To configure Google voice typing:

- From the **Language and input** screen, touch  next to **Google voice typing**.

The following options are available:

- **Choose input languages:** Touch a language that you want to input. Select **Automatic** to use the local language or select a language from the list.
- **Block offensive words:** Create a check mark and enable the blocking of recognized offensive words from the results of your voice-input Google typing.
- **Download offline speech recognition:** Enables voice input while offline.

Speech

Use this menu to set the speech settings for Voice input.

Voice Search

- From the **Language and input** screen, touch **Voice search** to configure the following:
 - **Language:** Choose a language for your voice input.
 - **Speech output:** Sets whether you will use speech output always or only when using hands-free mode.
 - **Block offensive words:** Enable or disable blocking of recognized offensive words from the results of your voice-input Google searches.
 - **Hotword detection:** Enable to being able to launch voice search by saying the word “Ok Google”.
 - **Download offline speech recognition:** Enables voice input while offline.
 - **Bluetooth headset:** Record audio through a Bluetooth headset, if available.

Text-to-Speech Options

Voice output provides audible readout of text, for example, the contents of email messages.

1. From the Language and input screen, touch **Text-to-speech options** and select the preferred TTS engine, **Samsung text-to-speech engine** or **Google Text-to-speech Engine**.
2. Touch  next to the preferred TTS engine and configure.
3. Under General, configure the following:
 - **Speech rate:** Set the speed at which the text is spoken.
 - **Listen to an example:** Play a sample of speech synthesis (available if voice data is installed).

Pointer Speed

This option sets your Pointer speed for your mouse or trackpad when you are using a keyboard dock accessory.

1. From the **Language and input** screen, touch **Pointer speed**.
2. Drag the slider to the right to go faster or to the left to go slower.
3. Touch **OK** to save your setting.

Motions and Gestures

The Motions and Gestures settings allow you to set up various Motion activation services. For more information on using gestures, see “*Using Motions and Gestures*” on page 25.

1. From the **Settings** screen, touch  **My device** → **Motions and gestures**.

Air Gesture

Use Air gesture to control your phone by moving your hand about the proximity sensor.

1. From the **Motions and gestures** screen, touch **Air gesture**.
2. Touch **Learn about sensor and icon** to display information about the air gesture sensor.
3. Touch the **ON/OFF** button at the top of the screen to turn Air gesture ON .

Once Air gesture has been activated, the Air gesture options are available to be activated.

4. Touch the **ON/OFF** button next to **Quick glance**, **Air jump**, **Air browse**, **Air move**, and **Air call-accept** to turn each option ON .
5. Touch **Quick glance**, **Air jump**, **Air browse**, **Air move**, or **Air call-accept** to display a description of the option and to try it.

Motion

Use Motion to control your device by performing natural movements.

1. From the **Motions and gestures** screen, touch **Motion**.
2. Touch the **ON/OFF** button at the top of the screen to turn Motion ON .

Caution! Excessive shaking or impact to the device may cause unintended results. To learn how to properly control motions, touch **Motion** → **Learn about motions**.

3. Touch the **ON/OFF** button at the top of the screen to turn Motion ON .
- Once Motion has been activated, the Motion options are available to be activated or deactivated.
4. Touch the **ON/OFF** button next to **Direct call**, **Smart alert**, **Zoom**, **Browse an image**, and **Mute/pause** to turn each option ON .
5. Touch **Direct call**, **Smart alert**, **Zoom**, **Browse an image**, or **Mute/pause** to display a description of the option and to try it.

Palm Motion

Use Palm motion to control your device by touching your screen with the palm of your hand.

1. From the **Motions and gestures** screen, touch **Palm motion**.
2. Touch the **ON/OFF** button at the top of the screen to turn Palm motion ON .
- Once Palm motion has been activated, the Palm motion options are available to be activated or deactivated.
3. Touch the **ON/OFF** button next to **Capture screen** and **Mute/pause** to turn each option ON .
4. Touch **Capture screen** or **Mute/pause** to display a description of the option and to try it.

Smart Screen

The Smart screen options allow you to customize your screen settings to make the screen more responsive and easier to use.

1. From the **Settings** screen, touch  **My device** → **Smart screen**.
2. Touch the following options to create a check mark and activate the feature:
 - **Smart stay:** Set the screen to stay on as long as you look at it.
 - **Smart rotation:** Set the screen to rotate according to the orientation of your face. This option is only available if Auto rotate screen is enabled. For more information, refer to “*Display*” on page 166.
 - **Smart pause:** Pause videos when your device detects that your head has moved away from the screen.
3. Touch **Smart scroll** and then touch the **ON/OFF** button to turn Smart scroll ON . Smart scroll sets the screen to scroll when you tilt your head or the device (your choice). You can also choose the scroll speed and whether a Smart scroll icon displays.

Air view

When Air view is enabled, hover your finger over the screen to display information or details. An example of an Air view feature is hovering your finger over a scheduled item in the calendar to view details.

1. From the **Settings** screen, touch  **My device** → **Air view**.
2. Touch the **ON/OFF** button at the top of the screen to turn Air view ON .
3. Touch the **ON/OFF** button next to **Information preview**, **Progress preview**, **Speed dial preview**, and **Webpage magnifier** to turn each option ON .
4. Touch **Information preview**, **Progress preview**, **Speed dial preview**, and **Webpage magnifier** to display a description of the option and to try it.
5. Touch **Sound and haptic feedback** to create a check mark and activate the feature. When enabled, hover your finger over Air view items to play sound and feel the phone vibrate.

Voice Control

The Voice control settings allow you to set up voice commands to control your device.

1. From the **Settings** screen, touch  **My device** → **Voice control**.
 2. Touch the **ON/OFF** button at the top of the screen to turn Voice control ON .
- Touch the following options to activate the feature.
- **Incoming calls:** Answer or reject calls using the commands **Answer** and **Reject**.
 - **Alarm:** Stop or snooze an alarm by using the commands **Stop** and **Snooze**.
 - **Camera:** Take photos by using the voice commands such as **Capture**, **Shoot**, **Smile**, and **Cheese**.
 - **Music:** Control your Music app using the voice commands **Next**, **Previous**, **Play**, **Pause**, **Volume up**, and **Volume down**.

Note: If you set the alert type for calls or alarms to vibration, voice control is not available.

Accounts

Set up and manage accounts, including Samsung, Email, Google, Backup Assistant Plus, and your social networking accounts. For more information about managing applications, see “*Accounts*” on page 52.

Backup Assistant Plus

Backup Assistant Plus is a free service that protects your contacts by saving to a secure web site. If your phone is lost, stolen or damaged, or if you change phones, Backup Assistant can restore your saved contacts to a new phone, wirelessly. Schedule backups to save your information manually or automatically. Log in to your web account for full access to your contacts for viewing, printing, adding, deleting, and editing.

Visit verizonwireless.com/baplus, or contact Verizon Wireless for more information.

- From the **Settings** screen, touch  **Accounts** → **Backup Assistant Plus**.
 - or –
- From a Home screen, touch  **Apps** →  **Contacts** →  **Menu** → **Backup**.

Add Account

Use this option to set up, manage, and synchronize accounts, including your Google and email accounts.

Adding an Account

1. From the **Settings** screen, touch  **Accounts** → **Add account**.
2. Touch one of the account types.
3. Use the keyboard and follow the prompts to enter your credentials and set up the account.

A green button appears next to the account type once you have created an account. Your accounts are also displayed in the **My accounts** section of the main Accounts menu.

Synchronizing Accounts

Select the items you want to synchronize on your account such as Books, Calendar, Contacts, and more.

1. From the **Settings** screen, touch  **Accounts**.
2. Touch the account type, which is located in the **My accounts** section.
3. Touch the account name.
 - Touch the items you want to synchronize with your account to create a check mark then touch **Sync now**. This includes items such as app data, calendar, contacts, gmail or email, photos, and so on.
- Note:** The items that are available to Sync depends on the type of account.
- Touch **Cancel sync** to stop the synchronization.
4. Touch **Account settings** to access the account settings.
5. Touch **Storage usage**, if available, to see your storage usage for different applications.
6. Touch **Sync all** to synchronize all accounts of this type.

Removing an Account

Important! Removing an account also deletes all of its messages, contacts, and other data from the device.

1. From the **Settings** screen, touch  **Accounts**.
2. Touch the account type, which is located in the **My accounts** section.
3. Touch the account name.
4. At the bottom of the screen, touch **Remove account**, then touch **Remove account** at the prompt to remove the account and delete all its messages, contacts, and other data.

Back Up and Reset

The Back up and reset settings allow you to back up your data, back up accounts, automatically restore your phone, and reset your phone settings to the factory settings.

- From the **Settings** screen, touch  **Accounts** → **Back up and reset**.

The following options display:

- **Back up my data:** By setting this option, the Google server will back up all of your settings and data, such as application data, Wi-Fi passwords, and other settings, to the Google server.
- **Backup account:** If you have enabled the **Back up my data** option, then the **Backup account** option is available. Touch **Backup account** and touch your Google Gmail account or touch **Add account** to set your Google Gmail account to be backed up to the Google server.
- **Automatic restore:** By setting this option, when you reinstall an application, all of your backed up settings and data will be restored from the Google server.

Factory Data Reset

From this menu you can reset your phone and sound settings to the factory default settings.

1. From the **Settings** screen, touch  **Accounts** → **Back up and reset**.
2. Touch **Factory data reset**.
3. Touch **Reset device** and follow the prompts to perform the reset.

Warning! Performing a Factory data reset erases all data from your phone and internal SD card, including your Google account, system and application data and settings, and downloaded applications. It does not erase current system software, bundled applications, and external SD card files such as music and photos.

Reset Settings

Return your device to its factory default settings. This will not affect any downloaded apps, personal data, or the following protected settings: Security, Language settings, and Account settings.

1. From the **Settings** screen, touch  **Accounts** → **Back up and reset**.
2. Touch **Reset settings**.
3. Touch **Reset device** and follow the prompts to perform the reset.

Location Services

The Location services settings allow you to set up how the phone will determine your location and the sensor settings for your phone.

1. From the **Settings** screen, touch  **More** → **Location services**.
2. Touch any of the following options to activate:
 - **E911**: View only field. You cannot turn off E911 Location on any cell phone. E911 location service is standard on all mobile phones, to allow sharing of your GPS location with emergency personnel when you make a call to emergency services (such as 911).
 - **Mode**
 - **High accuracy**: Uses GPS, Wi-Fi, and mobile networks to estimate your location. This option must be enabled to use some applications. By selecting this option, you are enabling Verizon Wireless and third-party authenticated and validated location-enabled services access to certain location information available through this device and/or the network.

– **Power saving**: Uses Wi-Fi and mobile networks to estimate your location.

– **GPS only**: Uses GPS to estimate your location.

• **Recent location requests**: Lists apps and functions that have recently requested your location.

• **Google Location Reporting**: Touch to access Google location settings (Location Reporting and Location History).

3. Touch **My places**, and then touch **Home**, **Office**, or **Car** so your phone can recognize your location at these locations and provide the information to a variety of location-based services such as Story Album, S Voice, and more.

Security

The Security settings allow you to determine the security level for your phone.

Encryption

To require a numeric PIN or password to decrypt your phone each time you power it on or encrypt the data on your SD card each time it is connected:

1. From the **Settings** screen, touch  **More** → **Security**.
2. You must first set up a screen lock type if you have not already done so. For more information, refer to “*Screen Lock*” on page 164.
3. Touch **Encrypt device**. For more information, read the displayed help screen.
4. Touch **Encrypt external SD card** to enable the encryption on SD card data that requires a password be entered each time the microSD card is connected.

Tip: Make sure your battery is charged more than 80 percent. Encryption may take an hour or more.

Set Up SIM Card Lock

Prevent another user from using your SIM card to make unauthorized calls or from accessing information stored on your SIM card by protecting the information using a PIN code.

When enabled, your phone will ask for a PIN number each time you use the phone. Using this option you can also change your SIM PIN number.

1. From the Home screen, touch  **Apps** → **Settings** →  **More** → **Security**.
2. Touch **Set up SIM card lock**.
3. Touch **Lock SIM card**, enter your SIM PIN code, then touch **OK**.

Note: You must activate Lock SIM card before you can change your SIM PIN code.

4. Touch **Change SIM PIN**.
5. Enter your old SIM PIN code and touch **OK**.
6. Enter your new SIM PIN code and touch **OK**.
7. Re-type your new SIM PIN code and touch **OK**.

Forgotten SIM PIN Password

If you enter the wrong SIM PIN more than 3 times, you will need to contact your Verizon Customer Service Representative to get the PUK code for your device.

1. Each time you enter a wrong SIM PIN number the phone displays how many attempts you have remaining.
2. After the third incorrect attempt, the **Type PUK and new PIN code** screen displays and your SIM card is locked.
3. Enter the new PUK code that you received from your Verizon Customer Service Representative in the **PUK code** field.
4. Enter a new PIN code in the **Enter a new PIN** field and touch **OK**.
5. Enter the new PIN code again in the **Confirm your new PIN** field and touch **OK**.

Note: While your SIM PIN is locked, you will still be able to make Emergency calls if necessary.

Make Passwords Visible

When enabled, password characters display briefly as you touch them while entering passwords.

1. From the **Settings** screen, touch  **More → Security**.
2. Touch **Make passwords visible** to create a check mark and enable or disable the display of password characters.

Device Administration

Use the Device Administration feature to select one or more administration applications that control your device for security purposes (for example, if your phone is lost or stolen). These applications enforce remote or local device security policies.

Some of the features a device administration application might control are:

- Setting the number of failed password attempts before the device is restored to factory settings.
- Automatically locking the device.
- Restoring factory settings on the device.

Note: If a device uses multiple enabled administration applications, the strictest policy is enforced.

1. From the **Settings** screen, touch  **More** → **Security**.
2. Touch **Device administrators**, to select a device administrator, and follow the prompts.
If no device administrators are listed, you can download them from the Play Store.
3. Touch **Unknown sources** to download and install non-Market applications.

Warning! Enabling this option causes your phone and personal data to be more vulnerable to attack by applications from unknown sources.

4. Touch **Verify Apps** to cause your phone to either block or warn you before installing apps that may cause harm to your phone.

Security Update Service

To set security update service settings:

1. From the **Settings** screen, touch  **More** → **Security**.
2. Touch **Security policy updates** to automatically check for changes to the security policy and download any updates to improve security and service.
3. Touch **Send security reports** to send security reports to Samsung, using Wi-Fi, for threat analysis.

Credential Storage

If a certificate authority (CA) certificate gets compromised or for some other reason you do not trust it, you can disable or remove it.

1. From the **Settings** screen, touch  **More** → **Security**.
2. Touch **Storage type** to set a storage type for credential contents.
3. Touch **Trusted credentials**.

The trusted credentials screen has two tabs:

- **System**: Displays CA certificates that are permanently installed in the ROM of your device.
- **User**: Displays any CA certificates that you installed, for example, in the process of installing a client certificate.

4. Touch a CA certificate to examine its details.

A scrolling screen displays the details.

Scroll to the bottom of the details screen and touch **Turn off** to disable a System certificate.

Caution! When you disable a system CA certificate, the **Turn off** button changes to **Turn on**, so you can enable the certificate again, if necessary.

- Touch **OK** to return to the certificate list.
5. Touch **Install from device storage**, then choose a certificate and follow the prompts to install encrypted certificates stored on the USB storage.

Note: You must have installed a memory card containing encrypted certificates to use this feature.

6. Touch **Clear credentials** to erase the credential contents from the device and reset the password.

Note: This setting only appears if you have installed encrypted certificates.

Application Manager

You can download and install applications from Play Store or create applications using the Android SDK and install them on your device. Use Application manager settings to manage applications.

Warning! Because this device can be configured with system software not provided by or supported by Google or any other company, end-users operate these devices at their own risk.

Memory Usage

See how memory is being used by Downloaded or Running applications.

1. From the **Settings** screen, touch  More → Application manager.
2. Touch **DOWNLOADED**, **SD CARD**, **RUNNING**, or **ALL** to display memory usage for that category of applications.

The graph at the bottom of the **DOWNLOADED** tab shows used and free device memory. The graph at the bottom of the **RUNNING** tab shows used and free RAM.

Downloaded

Displays apps you have downloaded onto your device.

1. From the **Settings** screen, touch  More → Application manager.
2. Touch the **DOWNLOADED** tab to view a list of all the downloaded applications on your device.
3. To switch the order of the lists displayed in the Downloaded tabs, touch  Menu → Sort by date or Sort by size.
4. To reset your application preferences, touch  Menu → Reset app preferences.

Note: This will reset the preferences for disabled apps, disabled app notifications, default applications for actions, and background data restrictions for apps. You will not lose any app data.

5. To uninstall multiple applications, touch  Menu → Uninstall multiple.
6. Touch an application to view and update information about the application, including memory usage, default settings, and permissions.

SD Card

Displays apps you have downloaded onto your SD card.

1. From the **Settings** screen, touch  **More** → **Application manager**.
2. Touch the **SD CARD** tab to view a list of all the downloaded applications on your device.
3. To switch the order of the lists displayed in the SD CARD tab, touch  **Menu** → **Sort by date** or **Sort by size**.
4. To reset your application preferences, touch  **Menu** → **Reset app preferences**.

Note: When you Reset app preferences, you will not lose any app data.

5. To uninstall multiple applications, touch  **Menu** → **Uninstall multiple**.
6. Touch an application to view and update information about the application, including memory usage, default settings, and permissions.

Running Services

View and control services running on your device.

1. From the **Settings** screen, touch  **More** → **Application manager**.
2. Touch the **RUNNING** tab. All the applications that are currently running on the device display.
3. Touch **Show cached processes** to display all the cached processes that are running. Touch **Show services in use** to switch back.
4. Touch one of the applications to view application information. The following options display:
 - **Stop:** Stops the application from running on the device. This is usually done prior to uninstalling the application.

Warning! Not all services can be stopped. Stopping services may have undesirable consequences on the application or Android System.

- **Report:** Report failure and other application information.

Note: Options vary by application.

Default Applications

Select default settings for the Home screen and for messaging.

1. From the **Settings** screen, touch  More → **Default applications**.
2. To select the default Home screen format, touch **Home**. Select **TouchWiz easy home** or **TouchWiz home**.
3. To select the default messaging app, touch **Message**. Select **Messaging** or **Hangouts**.

Battery

See how much battery power is used for device activities.

1. From the **Settings** screen, touch  More → **Battery**.

The battery level displays in percentage. The amount of time the battery was used also displays. Battery usage displays in percentages per application.

2. Touch **Screen**, **Android System**, **Android OS**, or any other listed application to view how it is affecting battery use.

Note: Other applications may be running that affect battery use.

3. Touch **Show battery percentage** to see the battery charge percentage next to the battery charge icon at the top of the display.

Storage

From this menu you can view the memory allocation for the memory card and USB as well as mount or unmount the SD card.

For more information about mounting or unmounting the SD card, see “*Memory Card*” on page 43.

To view the memory allocation for your external SD card:

- From the **Settings** screen, touch **Storage**.
The available memory displays under the **Total space** and **Available space** headings for both Device memory and SD card.

SD Card

- Touch **Unmount SD card** to unmount your SD card so that you can safely remove it, then touch **OK**.
 - or –
- 1. Touch **Format SD card** to format your SD card. This will delete all data on your SD card including music, videos, and photos.
- 2. Touch **Format SD card** again.
- 3. Touch **Delete all** to continue or touch  **Back** to cancel.

Note: The **Format SD card** option is only available when your SD card is mounted.

Date and Time

To change the current time and date displayed:

- From the **Settings** screen, touch  **More → Date and time**.

The following options display:

- **Automatic date and time:** Allow the network to set the date and time. Disable this option to set date and time manually.
 - **Set date:** Enter the current date.
 - **Set time:** Enter the current time.
- **Automatic time zone:** When enabled, the phone takes the time zone from the wireless network. Disable this option to set time zone manually
 - **Select time zone:** Choose your local time zone (only available when the Automatic setting is disabled).
- **Use 24-hour format:** Set the format for time displays. If this option is not selected, the phone automatically uses a 12-hour format.
- **Select date format:** Set the format for date displays.

About Phone

This menu contains legal information, system tutorial information, and other phone information such as the model number, firmware version, baseband version, kernal version, and software build number.

To access phone information:

- From the **Settings** screen, touch  **More** → **About device**. The following information displays:
 - **Icon glossary**: Displays a categorized list of icons that display on the phone.
 - **Status**: View information about your phone's current status.
 - **Legal information**: Display Open source licenses, Google legal, and License settings information, which clearly provides copyright and distribution legal information and facts as well as Google Terms of Service, Terms of Service for Android-powered Phones, and much more pertinent information as a reference. Read the information and terms, then touch  **Back** to return to the Settings menu.

Tip: To find your device's DivX® registration code and information about registering your device to play DivX protected video, touch **License settings** → **DivX® VOD**.

- **Device name**: Phone's model name.
- **Model number**: Phone's model number.
- **Android version**: Android version loaded on this phone.
- **Baseband version**: Baseband version loaded on this phone.
- **Kernel version**: Kernel version loaded on this phone.
- **Build number**: Software, build number.
- **SE for Android status**: Display Security Enhancements for Android status information.
- **Secure boot status**: Displays the status of the Secure boot.
- **Hardware version**: Hardware version of your phone.

Software Update

The Software Update feature enables you to use your phone to connect to the network and upload any new phone software directly to your phone. The phone automatically updates with the latest available software when you access this option.

1. From the **Settings** screen, touch  **More** → **Software update**.
2. Touch **Check for new software update**.
3. At the **Software update** prompt, touch **OK** to continue.

The phone automatically updates the software, if newer software is available. Otherwise, when the **Your SAMSUNG SCH-I545 is up to date** prompt displays, touch **OK**.

When updating software, once the update file is downloaded, you can delay the update on the start screen by postponing it for a certain period of time. If you want to resume the update before the selected time, touch **Continue update**.

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